

# Helical Gearmotor

STANDARD **IEC**

## About US

Atlas Motori Riduttori S.r.l, an Italian company which is specialized for high quality power transmission components such as Worm Gearboxes, Helical Gearboxes and Induction Motors. With the best quality and product durability, Atlas has succeeded to be customer choice Globally. The company "Atlas", based in Milan, Italy, assures to offer the best quality product with optimum performance for light and heavy industrial applications. Our design and engineering team have been relentlessly working on the product improvement since its formation.

Atlas is working exclusively in below products:

0.09kW to 7.5kW premium efficiency IEC standard motors

0.09kW to 200kW special shaft for Helical gears input

High quality worm gearboxes from 14mm to 50mm

Helical gearboxes for high torque application

Our products are competent to replace the most of European Brands both in quality and dimension.



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Table of Motor's dimensions



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# AK SERIES HELICAL-BEVEL GEARMOTOR



**Model AKAB**  
Foot-mounted Helical-Bevel Gearmotor with hollow shaft



**Model AKAT**  
Helical-Bevel Gearmotor in torque-arm version with hollow shaft



**Model AKA**  
Helical-Bevel Gearmotor in with hollow shaft



**Model AKF**  
Helical-Bevel Gearmotor in flange-mounted version with solid shaft



**Model AKAZ**  
Short-flange mounted Helical-Bevel Gearmotor with hollow shaft



**Model AK..AR**  
Combination of AK series and AR..7 series Gearmotor



**Model AKAF**  
Helical-Bevel Gearmotor in flange-mounted version



**Model AK..S**  
Solid Input Helical-Bevel Gearbox



**Model AK..AB**  
Foot-mounted Helical-Bevel Gearmotor



### Characteristics:

1. ATLAS Gearmotor are based on the building block design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of Gearbox can fit motors with different power, so that it's possible for different types of machines to combine or connect.
2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3. Precise division of transmission ratio with a wide range. The combination of machines can produce a larger transmission ratio at a low output rotational speed.
4. Various ways of installation. Horizontal installation at any position or flanged installation, The bottom feet installs the machine that deceleration machine have two bottom feets processes to install the flat surface.

### Working Environment:

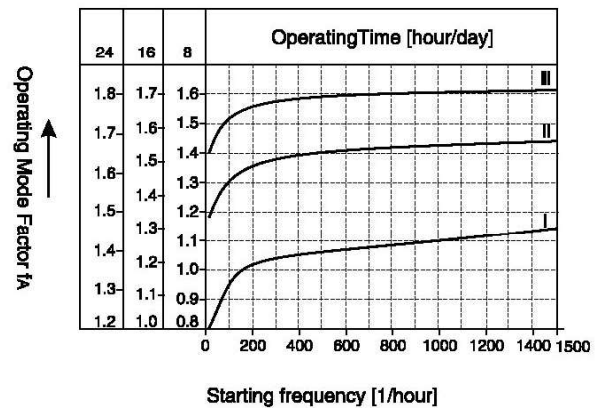
1. Working temperature:  $-40^{\circ}\text{C}$ – $50^{\circ}\text{C}$  (The lubrication should be heated until above  $0^{\circ}\text{C}$  if the machine works Below  $0^{\circ}\text{C}$ .)
2. The working place should be lower than 1,000 meters above sea level.
3. The input rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 20m/s.
4. Suitable for Bidirectional rotation (REV - FWD).
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

### Instructions for Selection:

The daily operating time, the starting frequency and the load classifications be determined before deciding the service factor. The load classifications is calculated with the following formula:

### Load classification

Uniform load, mass acceleration factor  $\leq 0.2$   
 Medium Impact Load, mass acceleration factor  $\leq 3$   
 Heavy shock Load, mass acceleration factor  $\leq 10$



Please contact our technical supporting department in case the mass acceleration factor  $> 10$ .

$$\text{Mass acceleration factor} = \frac{\text{All external mass moments of Inertia}}{\text{Mass moment of inertia on the motor end}}$$

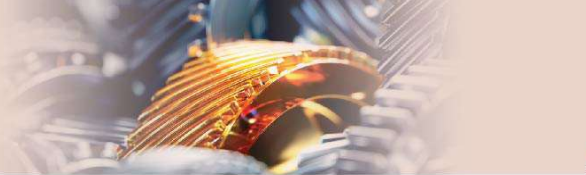
The actual operating mode factor ( $f_A$ ) should meet the following formula: Service factor  $f_B \geq$  operating mode factor  $f_A$

The service factor  $f_B$  is listed in the parameter selection list.

The permitted overhung loads and the axial forces.

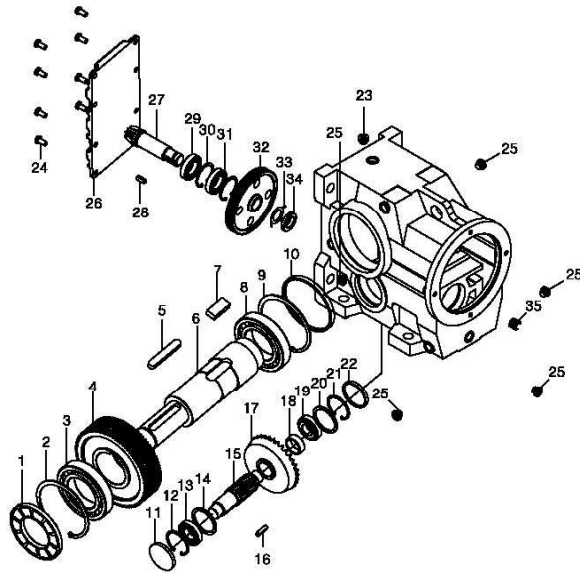
Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the output end of the shaft.

Regarding the use and maintenance of the Gearmotor, please refer to the attached Instruction Manual of the Gearbox and the Variable Speed Motor.



**AK SERIES SPARE PARTS LIST**

- |                             |                             |
|-----------------------------|-----------------------------|
| 1. Circlip for hole         | 21. Circlip for hole        |
| 2. Circlip for hole         | 22. Grand                   |
| 3. Bearing                  | 23. Oil gauge               |
| 4. First-stage big gear     | 24. Screw                   |
| 5. Key                      | 25. Oil plug                |
| 6. Output shaft             | 26. Cover plate             |
| 7. Key                      | 27. Second-stage gear shaft |
| 8. Bearing                  | 28. Key                     |
| 9. Circlip for hole         | 29. Bearing                 |
| 10. Grand                   | 30. Circlip for hole        |
| 11. Grand                   | 31. Bearing                 |
| 12. Circlip for hole        | 32. First-stage big gear    |
| 13. Bearing                 | 33. Lock washer             |
| 14. Adjusting strip         | 34. Round nut               |
| 15. Second-stage gear shaft | 35. First-stage gear shaft  |
| 16. Key                     |                             |
| 17. Second-stage big gear   |                             |
| 18. Shaft sleeve            |                             |
| 19. Bearing                 |                             |
| 20. Adjusting strip         |                             |

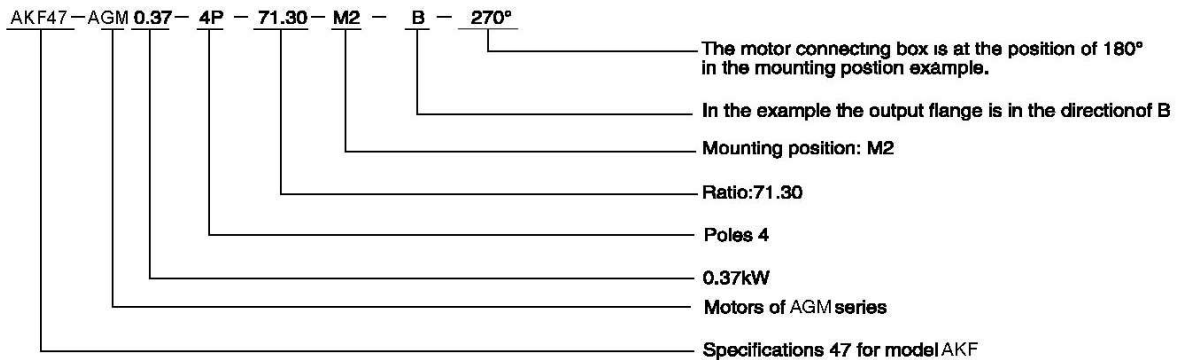
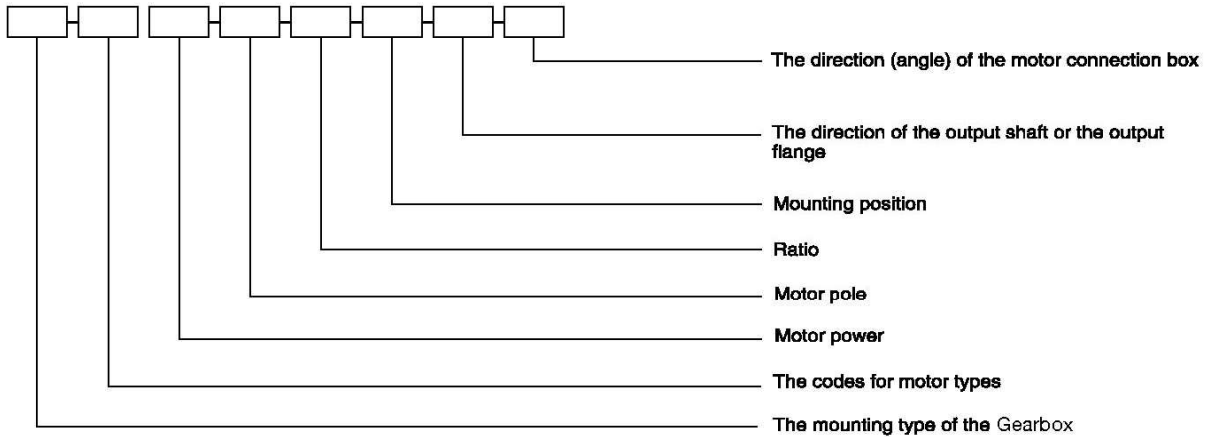


AK

**Type, specification and model notation for AK series Helical-Bevel Gearmotor**

Types, specifications of this series Gearmotor have 12 Models  
 AK 37, 47, 57, 67, 77, 87 97, 107, 127, 157, 167, 187  
 Gear ratio: 5~186, which can be allocated to 0.18~200kW. Electric Motor

**Instructions for Models:**





**Note:**

1. Motors of AGM series are supplied with protection grade of IP55 unless otherwise specified.
2. The mounting position of M1 as shown in the mounting position example is the default way when supplying unless otherwise specified.
3. 270° as shown in the mounting position example is the default connection box angle when supplying unless otherwise specified.
4. The mounting position of M1 as shown in the mounting position example is the default way when supplying Gearmotor such as AK, AKA, AKAF, AKH model unless otherwise specified.
5. It is necessary to note the direction of rotation from the output shaft end.
6. About Motor size, please check table of motor's dimensions.

**Codes for Motor Types:**

|             |     |                   |     |                          |     |
|-------------|-----|-------------------|-----|--------------------------|-----|
| AGM series  | AGM | Flame-proof Motor | AEX | Direct Current Motor     | Z   |
| Brake Motor | ADC | Roll Motor        | AG  | Variable Frequency Motor | AVP |

AK

**Length of Connect Flange L2**

The form on length of the connect flange L2 of the helical-bevel gear reductor of AK series

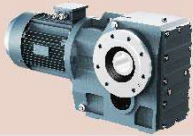
| Reductor type \ Motor frame size | Motor frame size |      |      |      |      |      |     |       |       |       |       |       |       |     |
|----------------------------------|------------------|------|------|------|------|------|-----|-------|-------|-------|-------|-------|-------|-----|
|                                  | 63               | 71   | 80   | 90   | 100  | 112  | 132 | 160   | 180   | 200   | 225   | 250   | 280   | 315 |
| AK..37                           | 61.5             | 61.5 | 80   | 80   | 98   | —    | —   | —     | —     | —     | —     | —     | —     | —   |
| AK..47                           | 56               | 56   | 74.5 | 74.5 | 90.5 | —    | —   | —     | —     | —     | —     | —     | —     | —   |
| AK..57                           | 56               | 56   | 74.5 | 74.5 | 90.5 | 90.5 | —   | —     | —     | —     | —     | —     | —     | —   |
| AK..67                           | 56               | 56   | 74.5 | 74.5 | 90.5 | 90.5 | 123 | —     | —     | —     | —     | —     | —     | —   |
| AK..77                           | 50               | 50   | 68.5 | 68.5 | 82.5 | 82.5 | 111 | 152.5 | —     | —     | —     | —     | —     | —   |
| AK..87                           | —                | —    | 63.5 | 63.5 | 78.5 | 78.5 | 106 | 147.5 | 147.5 | —     | —     | —     | —     | —   |
| AK..97                           | —                | —    | —    | 57.5 | 72.5 | 72.5 | 101 | 142.5 | 142.5 | 144.5 | —     | —     | —     | —   |
| AK..107                          | —                | —    | —    | —    | 66.5 | 66.5 | 95  | 136.5 | 136.5 | 138.5 | 168.5 | —     | —     | —   |
| AK..127                          | —                | —    | —    | —    | —    | —    | 80  | 121.5 | 121.5 | 123.5 | 153.5 | 153.5 | 153.5 | —   |
| AK..157                          | —                | —    | —    | —    | —    | —    | —   | 113.5 | 113.5 | 115.5 | 145.5 | 145.5 | 145.5 | 184 |
| AK..167                          | —                | —    | —    | —    | —    | —    | —   | 113.5 | 113.5 | 115.5 | 145.5 | 145.5 | 145.5 | 184 |
| AK..187                          | —                | —    | —    | —    | —    | —    | —   | 113.5 | 113.5 | 115.5 | 145.5 | 145.5 | 145.5 | 184 |

**Symbol of Mounting Position Example**

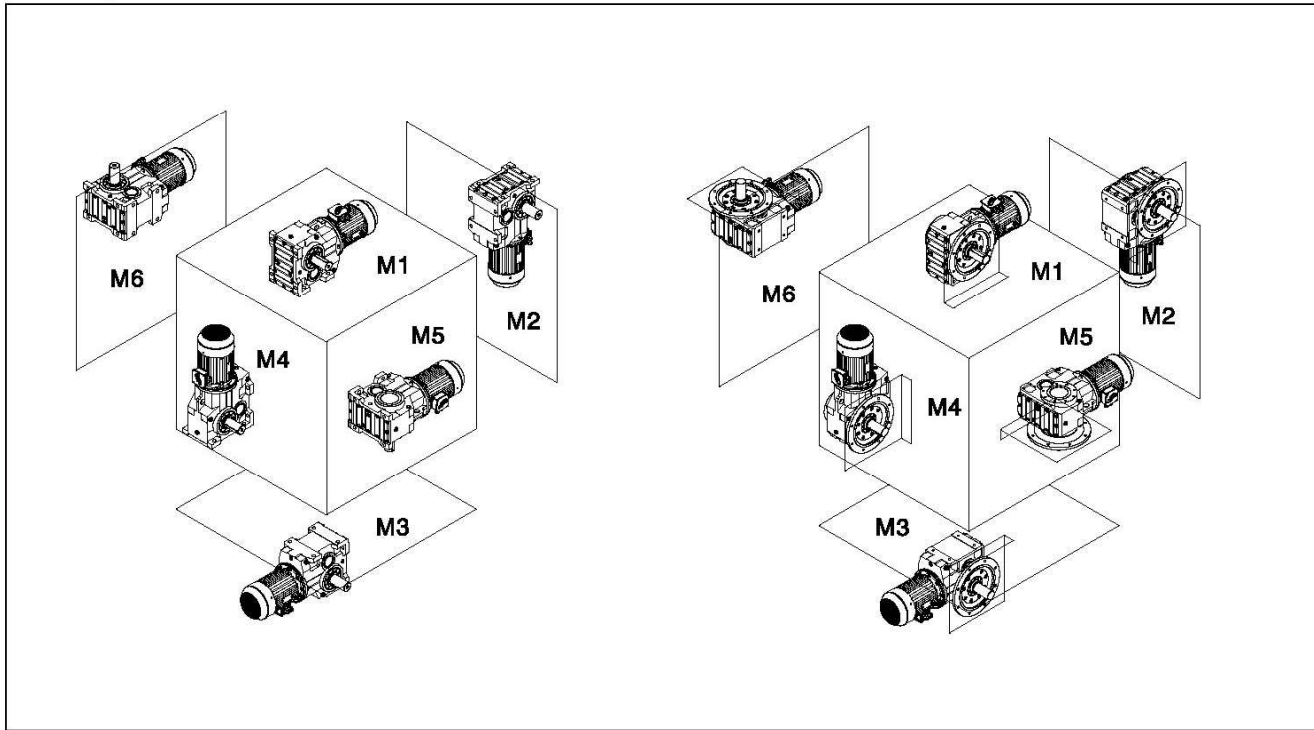
|  |                |  |                |  |                |
|--|----------------|--|----------------|--|----------------|
|  | Breather valve |  | Oil level plug |  | Oil drain plug |
|--|----------------|--|----------------|--|----------------|

**Explanation of Parameter Selection List**

| Power (kW)  | Output speed (r/min) | Output torque (N · m) | Ratio (i) | Service factor (fB) | Type    | Motor pole | Weight (kg) |
|-------------|----------------------|-----------------------|-----------|---------------------|---------|------------|-------------|
| <b>0.37</b> | 11                   | 336                   | 132.32    | 1.19                | AK 47   | 4P         | 37          |
|             | 11                   | 318                   | 125.23    | 1.26                | AKA 47  | 4P         | 36          |
|             | 13                   | 271                   | 106.69    | 1.47                | AKF 47  | 4P         | 39          |
|             | 15                   | 235                   | 92.27     | 1.71                | AKAF 47 | 4P         | 38          |



### Mounting Position of Bevel Helical Gearmotor



AK

AKseries oil capacity table (Unit:Ltr)

|       | M1   | M2   | M3   | M4   | M5   | M6   |
|-------|------|------|------|------|------|------|
| AK37  | 0.4  | 0.8  | 0.9  | 1.2  | 0.9  | 0.9  |
| AK47  | 0.6  | 0.9  | 1    | 1.4  | 1.1  | 1.1  |
| AK57  | 1.1  | 2.1  | 2.3  | 2.8  | 2.4  | 2.2  |
| AK67  | 1.1  | 2.2  | 2.4  | 3.2  | 2.5  | 2.5  |
| AK77  | 1.9  | 3.6  | 3.9  | 5.2  | 3.7  | 3.9  |
| AK87  | 3.2  | 7    | 7.6  | 9.5  | 6.8  | 7    |
| AK97  | 6.1  | 12.2 | 13.7 | 17.5 | 13.7 | 14   |
| AK107 | 6.5  | 13.2 | 16   | 21   | 15   | 15   |
| AK127 | 10.8 | 21.3 | 22.6 | 27.7 | 20.5 | 21   |
| AK157 | 17.2 | 34.4 | 36   | 50   | 32.2 | 34.4 |
| AK167 | 31   | 88   | 88   | 110  | 75   | 75   |
| AK187 | 56   | 155  | 155  | 190  | 120  | 120  |

AKseries weight table

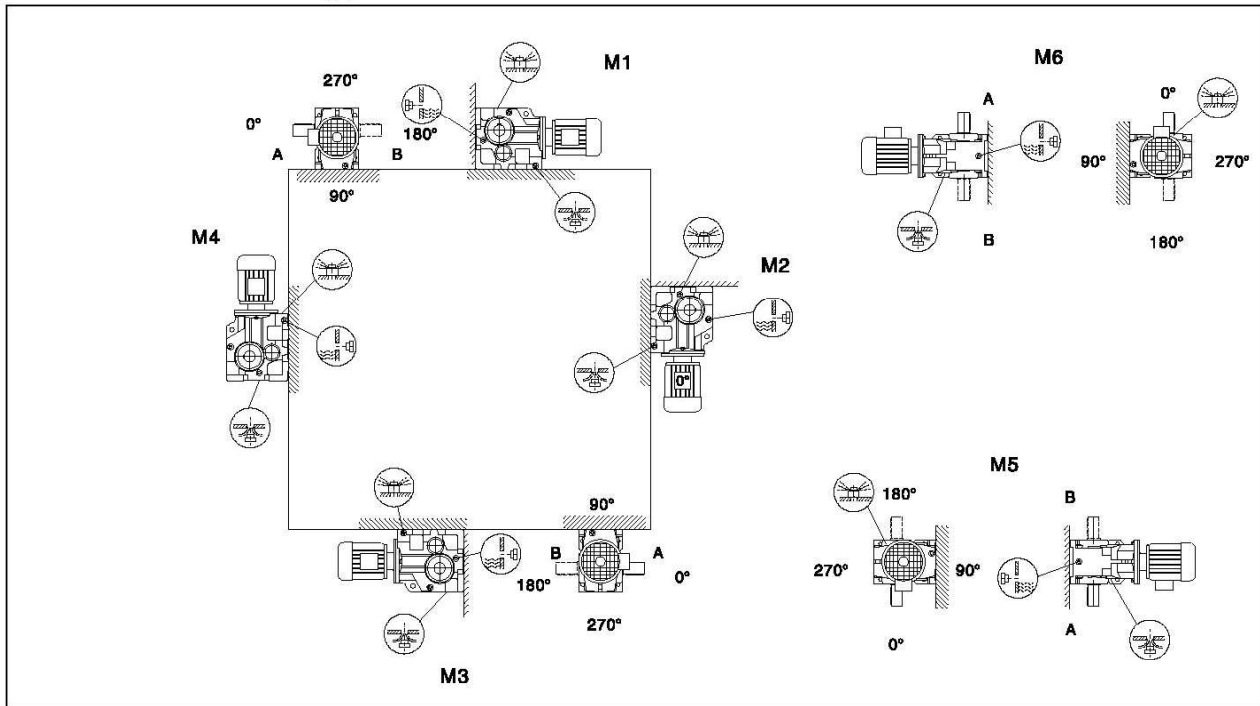
| Type         | AK37 | AK47 | AK57 | AK67 | AK77 | AK87 | AK97 | AK107 | AK127 | AK157 | AK167 | AK187 |
|--------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| Weight (Kgs) | 13   | 22   | 29   | 33   | 45   | 81   | 150  | 230   | 420   | 680   | 1050  | 1650  |

Note: Weight in the table means the weight when oil is not added. When input shaft is furnished, 10% weight should be added; If there is a motor, please add weight according to motor type.

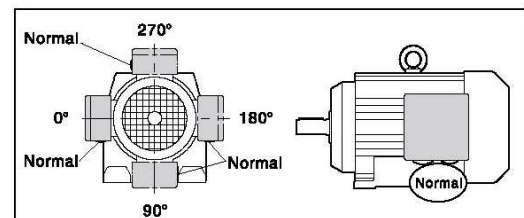
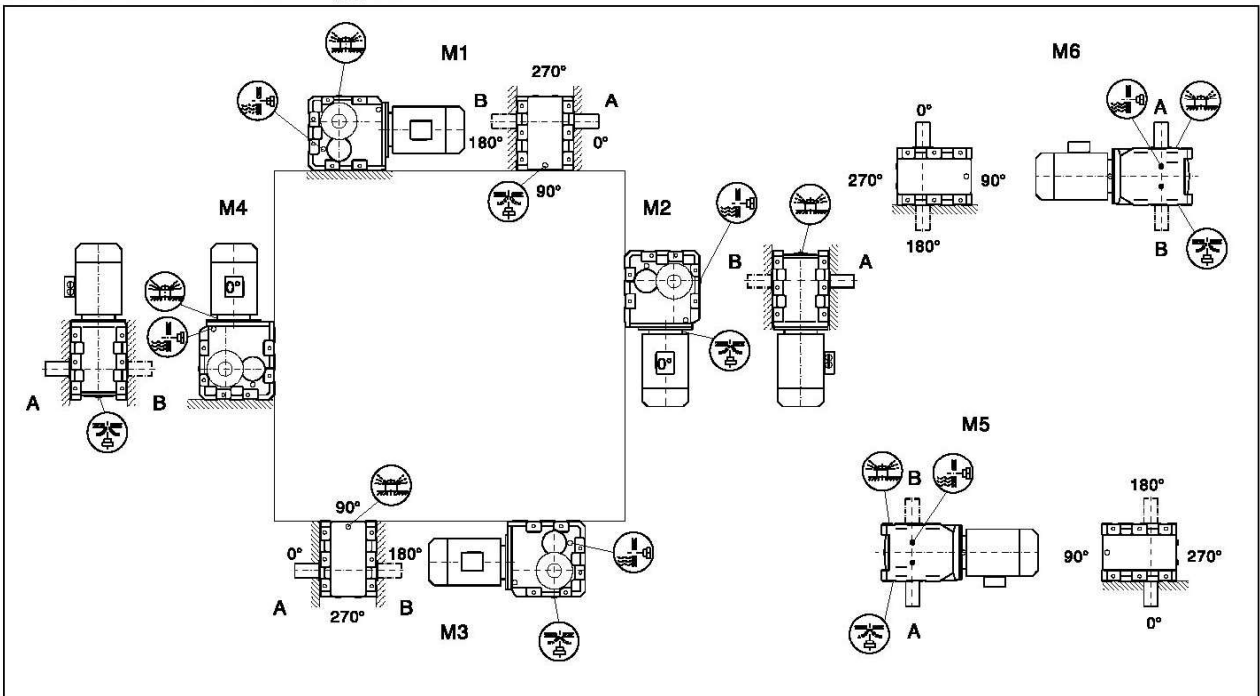




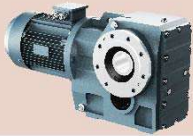
**AK/AKAB37-157 Mounting position**



**AK/AKA167-187 Mounting position**

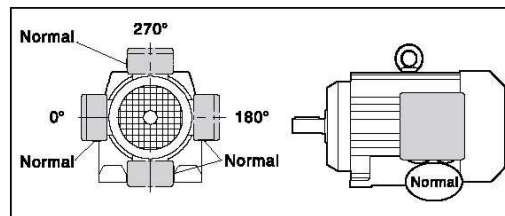
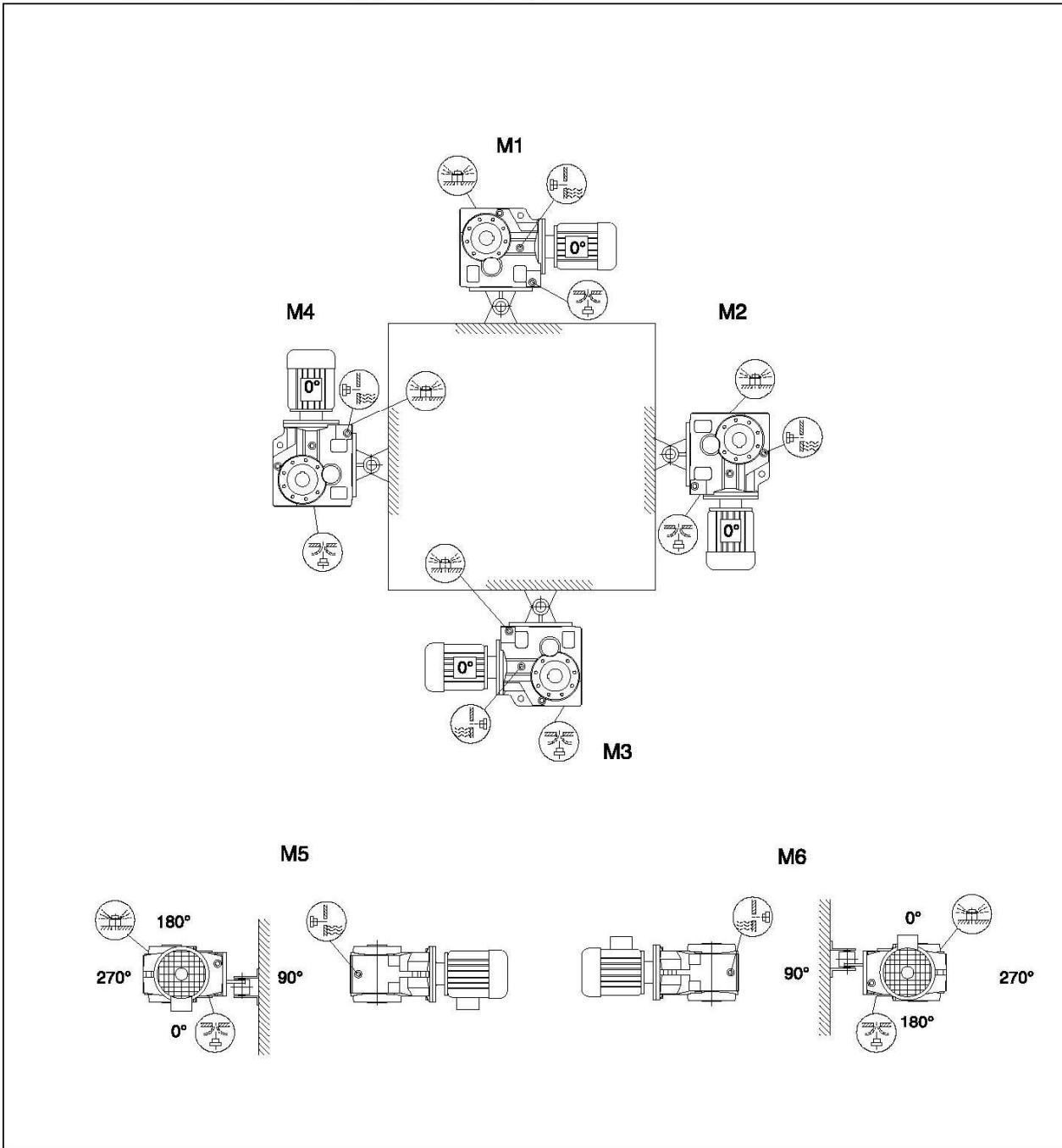


AK



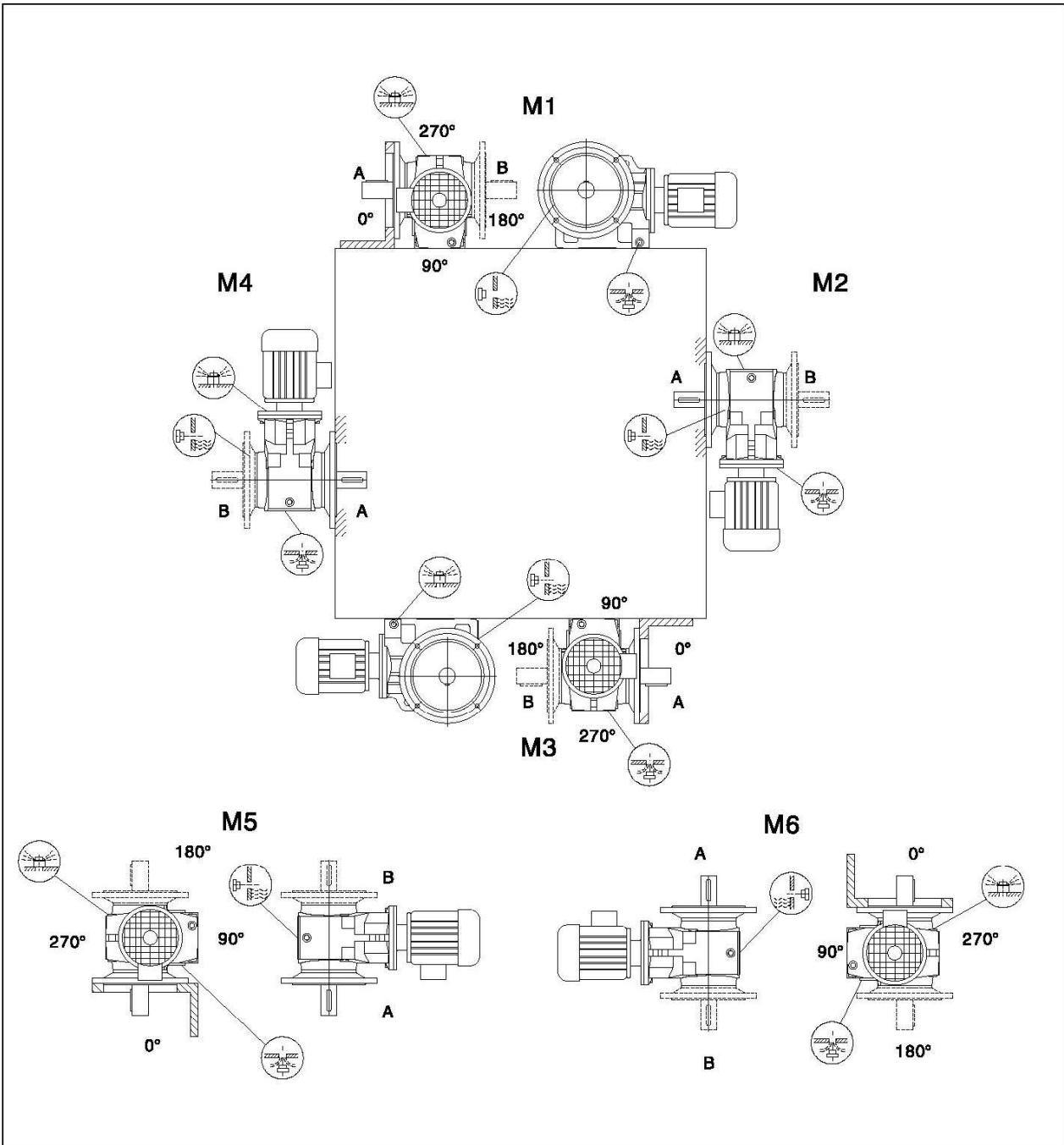
### AKAT37-157 Mounting position example

AK

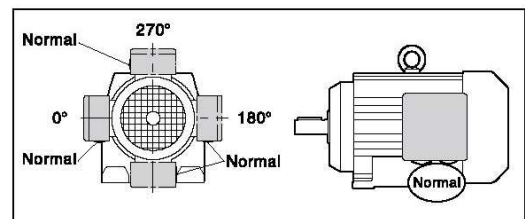


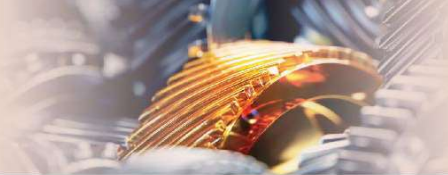
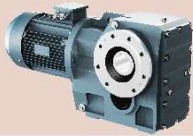


**AKF/AKAF37-157 Mounting position**



AK





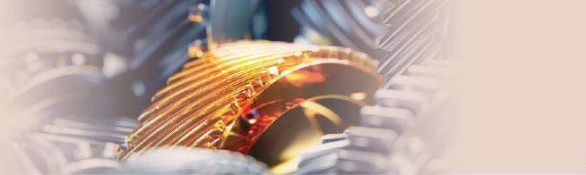
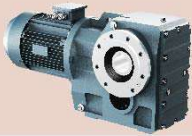
AK

| AK37      |                             | Data Table 1400r/min |             | Torque M2 Max 200NM<br>Output shaft (Hollow): 30mm<br>Output shaft (Solid): 25mm |             |           |
|-----------|-----------------------------|----------------------|-------------|--|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output Speed(n2)   | Torque (M2) |           |
| 5.36      | 0.37-3.0                    | 261.05               | 140         | 313.26   | 117         | 0.96      |
| 6.37      | 0.25-3.0                    | 219.91               | 145         | 263.89   | 121         | 0.96      |
| 6.80      | 0.25-3.0                    | 205.96               | 150         | 247.15   | 125         | 0.96      |
| 7.96      | 0.18-3.0                    | 175.93               | 155         | 211.11   | 129         | 0.96      |
| 8.91      | 0.18-2.2                    | 157.08               | 160         | 188.49   | 133         | 0.96      |
| 10.49     | 0.18-2.2                    | 133.46               | 160         | 160.15   | 133         | 0.96      |
| 12.14     | 0.12-1.5                    | 115.36               | 160         | 138.43   | 133         | 0.96      |
| 13.08     | 0.12-1.5                    | 107.02               | 165         | 128.42   | 138         | 0.96      |
| 15.32     | 0.15-1.5                    | 91.41                | 175         | 109.69   | 146         | 0.96      |
| 17.15     | 0.12-1.5                    | 81.62                | 180         | 97.94  | 150         | 0.96      |
| 20.19     | 0.12-1.1                    | 69.34                | 185         | 83.21  | 154         | 0.96      |
| 23.36     | 0.12-1.1                    | 59.94                | 195         | 71.93  | 163         | 0.96      |
| 24.99     | 0.12-1.1                    | 56.02                | 200         | 67.23  | 167         | 0.96      |
| 28.83     | 0.12-0.75                   | 48.56                | 200         | 58.27  | 167         | 0.96      |
| 29.96     | 0.12-0.75                   | 46.73                | 200         | 56.07  | 167         | 0.96      |
| 35.57     | 0.12-0.75                   | 39.36                | 200         | 47.24  | 167         | 0.96      |
| 37.97     | 0.12-0.75                   | 36.87                | 200         | 44.24  | 167         | 0.96      |
| 44.46     | 0.12-0.55                   | 31.49                | 200         | 37.79  | 167         | 0.96      |
| 49.79     | 0.12-0.55                   | 28.12                | 200         | 33.74  | 167         | 0.96      |
| 58.60     | 0.12-0.37                   | 23.89                | 200         | 28.67  | 167         | 0.96      |
| 67.80     | 0.12-0.37                   | 20.65                | 200         | 24.78  | 167         | 0.96      |
| 72.54     | 0.12-0.37                   | 19.30                | 200         | 23.16  | 167         | 0.96      |
| 83.69     | 0.12-0.37                   | 16.73                | 200         | 20.07  | 167         | 0.96      |
| 97.81     | 0.12-0.25                   | 14.31                | 200         | 17.18  | 167         | 0.96      |
| 106.38    | 0.12-0.25                   | 13.16                | 200         | 15.79  | 167         | 0.96      |



| AK47      |                             | Data Table 1400r/min |             | Torque M2 Max 400NM<br>Output shaft (Hollow): 35mm<br>Output shaft (Solid): 30mm |             |           |
|-----------|-----------------------------|----------------------|-------------|--|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output speed(n2)   | Torque (M2) |           |
| 5.81      | 3.0                         | 240.82               | 230         | 288.99   | 192         | 0.96      |
| 6.58      | 3.0                         | 212.79               | 240         | 255.35   | 200         | 0.96      |
| 7.36      | 3.0                         | 190.12               | 250         | 228.15   | 208         | 0.96      |
| 8.56      | 3.0                         | 163.60               | 270         | 196.32   | 225         | 0.96      |
| 9.10      | 2.2-3.0                     | 153.85               | 280         | 184.62   | 233         | 0.96      |
| 10.56     | 2.2-3.0                     | 132.52               | 280         | 159.02   | 233         | 0.96      |
| 11.77     | 1.5-3.0                     | 118.98               | 280         | 142.78   | 233         | 0.96      |
| 12.19     | 1.5-3.0                     | 114.82               | 350         | 137.78   | 292         | 0.96      |
| 13.65     | 1.5-3.0                     | 102.59               | 360         | 123.11   | 300         | 0.96      |
| 15.86     | 1.5-3.0                     | 88.28                | 380         | 105.93   | 317         | 0.96      |
| 16.86     | 1.5-3.0                     | 83.02                | 380         | 99.62  | 317         | 0.96      |
| 19.58     | 1.1-3.0                     | 71.51                | 400         | 85.81  | 333         | 0.96      |
| 21.81     | 1.1-2.2                     | 64.20                | 400         | 77.04  | 333         | 0.96      |
| 24.06     | 1.1-2.2                     | 58.18                | 400         | 69.82  | 333         | 0.96      |
| 25.91     | 1.1-2.2                     | 54.04                | 400         | 64.85  | 333         | 0.96      |
| 29.32     | 1.1-1.5                     | 47.74                | 400         | 57.29  | 333         | 0.96      |
| 31.30     | 0.75-1.5                    | 44.73                | 400         | 53.67  | 333         | 0.96      |
| 35.39     | 0.75-1.5                    | 39.55                | 400         | 47.47  | 333         | 0.96      |
| 39.61     | 0.75-1.5                    | 35.34                | 400         | 42.41  | 333         | 0.96      |
| 46.04     | 0.55-1.1                    | 30.41                | 400         | 36.49  | 333         | 0.96      |
| 48.95     | 0.55-1.1                    | 28.60                | 400         | 34.32  | 333         | 0.96      |
| 56.83     | 0.55-1.1                    | 24.63                | 400         | 29.56  | 333         | 0.96      |
| 63.30     | 0.37-0.75                   | 22.12                | 400         | 26.54  | 333         | 0.96      |
| 69.84     | 0.37-0.75                   | 20.04                | 400         | 24.05  | 333         | 0.96      |
| 75.20     | 0.37-0.75                   | 18.62                | 400         | 22.34  | 333         | 0.96      |
| 85.12     | 0.18-0.55                   | 16.45                | 400         | 19.74  | 333         | 0.96      |
| 90.86     | 0.18-0.55                   | 15.41                | 400         | 18.49  | 333         | 0.96      |
| 104.37    | 0.18-0.55                   | 13.41                | 400         | 16.10  | 333         | 0.96      |
| 121.48    | 0.12-0.37                   | 11.52                | 400         | 13.83  | 333         | 0.96      |
| 131.87    | 0.12-0.37                   | 10.62                | 400         | 12.74  | 333         | 0.96      |

AK



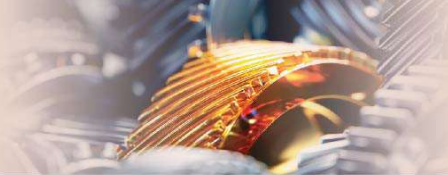
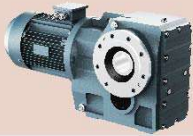
AK

| AK57      |                             | Data Table 1400r/min |             | Torque M2 Max 600NM<br>Output shaft (Hollow): 40mm<br>Output shaft (Solid): 35mm |             |           |
|-----------|-----------------------------|----------------------|-------------|--|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output speed(n2)   | Torque (M2) |           |
| 6.57      | 1.1-5.5                     | 213.18               | 345         | 255.82   | 288         | 0.96      |
| 7.55      | 1.1-5.5                     | 185.53               | 365         | 222.63   | 304         | 0.96      |
| 8.71      | 1.1-5.5                     | 160.71               | 390         | 192.85   | 325         | 0.96      |
| 9.59      | 1.1-5.5                     | 146.05               | 405         | 175.26   | 338         | 0.96      |
| 11.26     | 1.1-5.5                     | 124.36               | 415         | 149.23   | 346         | 0.96      |
| 11.92     | 1.1-5.5                     | 117.43               | 415         | 140.91   | 346         | 0.96      |
| 13.25     | 1.1-5.5                     | 105.67               | 510         | 126.81   | 425         | 0.96      |
| 15.22     | 1.1-5.5                     | 91.96                | 535         | 110.36   | 446         | 0.96      |
| 17.57     | 1.1-4.0                     | 79.66                | 555         | 95.59  | 463         | 0.96      |
| 19.34     | 1.1-4.0                     | 72.40                | 575         | 86.88  | 479         | 0.96      |
| 22.71     | 1.1-4.0                     | 61.64                | 600         | 73.97  | 500         | 0.96      |
| 24.05     | 1.1-4.0                     | 58.21                | 600         | 69.85  | 500         | 0.96      |
| 27.34     | 1.1-3.0                     | 51.21                | 600         | 61.45  | 500         | 0.96      |
| 30.28     | 1.1-3.0                     | 46.23                | 600         | 55.48  | 500         | 0.96      |
| 35.70     | 1.1-2.2                     | 39.21                | 600         | 47.06  | 500         | 0.96      |
| 38.49     | 1.1-2.2                     | 36.37                | 600         | 43.65  | 500         | 0.96      |
| 44.43     | 0.75-1.5                    | 31.51                | 600         | 37.81  | 500         | 0.96      |
| 48.89     | 0.75-1.5                    | 28.64                | 600         | 34.36  | 500         | 0.96      |
| 57.42     | 0.55-1.5                    | 24.38                | 600         | 29.26  | 500         | 0.96      |
| 60.81     | 0.55-1.5                    | 23.02                | 600         | 27.63  | 500         | 0.96      |
| 69.12     | 0.37-1.1                    | 20.26                | 600         | 24.31  | 500         | 0.96      |
| 76.56     | 0.18-1.1                    | 18.29                | 600         | 21.94  | 500         | 0.96      |
| 90.26     | 0.12-0.75                   | 15.51                | 600         | 18.61  | 500         | 0.96      |
| 102.88    | 0.12-0.75                   | 13.61                | 600         | 16.33  | 500         | 0.96      |
| 108.29    | 0.12-0.75                   | 12.93                | 600         | 15.51  | 500         | 0.96      |
| 123.85    | 0.12-0.75                   | 11.30                | 600         | 13.57  | 500         | 0.96      |
| 145.15    | 0.12-0.37                   | 9.65                 | 600         | 11.57  | 500         | 0.96      |



| AK67      | Data Table 1400r/min        |                   |             | Torque M2 Max 820NM<br>Output shaft (Hollow): 40mm<br>Output shaft (Solid): 40mm |             |      |
|-----------|-----------------------------|-------------------|-------------|--|-------------|------|
|           | 2 Stages                    |                   | 50Hz        |  | 60Hz        |      |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2) | Torque (M2) | Output Speed(n2)   | Torque (M2) |      |
| 7.28      | 2.2-5.5                     | 192.28            | 420         | 230.74   | 350         | 0.96 |
| 8.37      | 2.2-5.5                     | 167.34            | 440         | 200.81   | 367         | 0.96 |
| 9.66      | 2.2-5.5                     | 144.95            | 480         | 173.94   | 400         | 0.96 |
| 10.63     | 2.2-5.5                     | 131.73            | 500         | 158.08   | 417         | 0.96 |
| 12.48     | 2.2-5.5                     | 112.17            | 530         | 134.60   | 442         | 0.96 |
| 13.22     | 2.2-5.5                     | 105.93            | 670         | 127.12   | 558         | 0.96 |
| 15.19     | 2.2-5.5                     | 92.19             | 700         | 110.63   | 583         | 0.96 |
| 17.53     | 2.2-5.5                     | 79.86             | 740         | 95.83  | 617         | 0.96 |
| 19.29     | 2.2-5.5                     | 72.58             | 760         | 87.09  | 633         | 0.96 |
| 22.66     | 2.2-5.5                     | 61.79             | 780         | 74.15  | 650         | 0.96 |
| 23.99     | 2.2-5.5                     | 58.35             | 800         | 70.02  | 667         | 0.96 |
| 27.27     | 1.5-4.0                     | 51.34             | 820         | 61.60  | 683         | 0.96 |
| 30.21     | 1.5-4.0                     | 46.35             | 820         | 55.62  | 683         | 0.96 |
| 35.61     | 1.5-4.0                     | 39.31             | 820         | 47.17  | 683         | 0.96 |
| 38.39     | 1.5-3.0                     | 36.46             | 820         | 43.76  | 683         | 0.96 |
| 44.32     | 1.1-3.0                     | 31.59             | 820         | 37.90  | 683         | 0.96 |
| 48.77     | 1.1-2.2                     | 28.71             | 820         | 34.45  | 683         | 0.96 |
| 57.28     | 0.75-2.2                    | 24.44             | 820         | 29.33  | 683         | 0.96 |
| 60.66     | 0.75-1.5                    | 23.08             | 820         | 27.70  | 683         | 0.96 |
| 68.95     | 0.75-1.5                    | 20.31             | 820         | 24.37  | 683         | 0.96 |
| 76.37     | 0.37-1.5                    | 18.33             | 820         | 22.00  | 683         | 0.96 |
| 90.04     | 0.37-1.1                    | 15.55             | 820         | 18.66  | 683         | 0.96 |
| 102.62    | 0.25-1.1                    | 13.64             | 820         | 16.37  | 683         | 0.96 |
| 108.03    | 0.18-1.1                    | 12.96             | 820         | 15.55  | 683         | 0.96 |
| 123.54    | 0.18-0.75                   | 11.33             | 820         | 13.60  | 683         | 0.96 |
| 144.79    | 0.18-0.37                   | 9.67              | 820         | 11.60  | 683         | 0.96 |

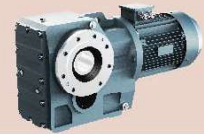
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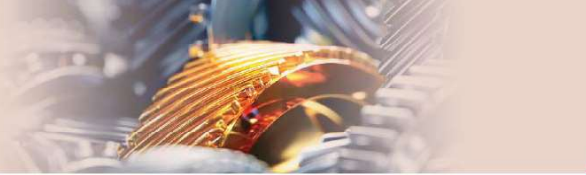
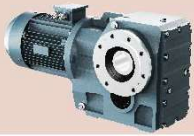
| AK77      |                             | Data Table 1400r/min |             | Torque M2 Max 1550NM<br>Output shaft (Hollow):45/50mm<br>Output shaft (Solid): 50mm |             |           |
|-----------|-----------------------------|----------------------|-------------|---|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz  |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output Speed(n2)  | Torque (M2) |           |
| 7.22      | 7.5-11                      | 193.81               | 820         | 232.57  | 683         | 0.96      |
| 8.46      | 7.5-11                      | 165.48               | 890         | 198.58  | 742         | 0.96      |
| 9.54      | 7.5-11                      | 146.71               | 940         | 176.05  | 783         | 0.96      |
| 10.81     | 7.5-11                      | 129.46               | 990         | 155.35  | 825         | 0.96      |
| 12.33     | 5.5-11                      | 113.57               | 1000        | 136.28  | 833         | 0.96      |
| 13.52     | 5.5-11                      | 103.54               | 1340        | 124.25  | 1117        | 0.96      |
| 15.84     | 5.5-11                      | 88.41                | 1400        | 106.09  | 1167        | 0.96      |
| 17.86     | 5.5-11                      | 78.37                | 1450        | 94.05   | 1208        | 0.96      |
| 20.24     | 4.0-11                      | 69.16                | 1500        | 82.99   | 1250        | 0.96      |
| 23.08     | 4-7.5                       | 60.67                | 1550        | 72.81   | 1292        | 0.96      |
| 25.61     | 2.2-7.5                     | 54.66                | 1550        | 65.59   | 1292        | 0.96      |
| 29.26     | 2.2-7.5                     | 47.84                | 1550        | 57.41   | 1292        | 0.96      |
| 30.88     | 2.2-7.5                     | 45.34                | 1550        | 54.40   | 1292        | 0.96      |
| 35.19     | 2.2-4.0                     | 39.78                | 1550        | 47.74   | 1292        | 0.96      |
| 38.39     | 2.2-4                       | 36.47                | 1550        | 43.77   | 1292        | 0.96      |
| 40.04     | 1.5-5.5                     | 34.97                | 1550        | 41.96   | 1292        | 0.96      |
| 45.16     | 1.5-5.5                     | 31.00                | 1550        | 37.20   | 1292        | 0.96      |
| 51.18     | 1.5-4.0                     | 27.36                | 1550        | 32.83   | 1292        | 0.96      |
| 58.34     | 1.5-4.0                     | 24.00                | 1550        | 28.80   | 1292        | 0.96      |
| 64.76     | 1.5-3.0                     | 21.62                | 1550        | 25.94   | 1292        | 0.96      |
| 73.99     | 1.1-3.0                     | 18.92                | 1550        | 22.71   | 1292        | 0.96      |
| 78.07     | 1.1-3.0                     | 17.93                | 1550        | 21.52   | 1292        | 0.96      |
| 88.97     | 1.1-2.2                     | 15.74                | 1550        | 18.88   | 1292        | 0.96      |
| 97.05     | 0.55-2.2                    | 14.43                | 1550        | 17.31   | 1292        | 0.96      |
| 113.56    | 0.55-1.5                    | 12.33                | 1550        | 14.79   | 1292        | 0.96      |
| 128.52    | 0.55-1.5                    | 10.89                | 1550        | 13.07   | 1292        | 0.96      |
| 135.28    | 0.55-1.5                    | 10.35                | 1550        | 12.42   | 1292        | 0.96      |
| 154.02    | 0.37-0.75                   | 9.09                 | 1550        | 10.91   | 1292        | 0.96      |
| 179.36    | 0.37                        | 7.81                 | 1450        | 9.37  | 1208        | 0.96      |
| 192.18    | 0.37                        | 7.28                 | 1450        | 8.74  | 1208        | 0.96      |





| AK87      |                             | Data Table 1400r/min |             | Torque M2 Max 2700NM<br>Output shaft (Hollow): 60mm<br>Output shaft (Solid): 60mm |             |           |
|-----------|-----------------------------|----------------------|-------------|---|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz  |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output speed(n2)  | Torque (M2) |           |
| 7.21      | 11.0-22                     | 194.16               | 1300        | 232.99  | 1083        | 0.96      |
| 8.29      | 11.0-22                     | 168.83               | 1400        | 202.60  | 1167        | 0.96      |
| 10.00     | 11.0-22                     | 140.07               | 1500        | 168.08  | 1250        | 0.96      |
| 11.16     | 11.0-22                     | 125.42               | 1500        | 150.50  | 1250        | 0.96      |
| 12.56     | 7.5-22                      | 111.46               | 2100        | 133.75  | 1750        | 0.96      |
| 14.44     | 7.5-18.5                    | 96.92                | 1800        | 116.30  | 1500        | 0.96      |
| 16.00     | 11.0-22                     | 87.51                | 2000        | 105.01  | 1667        | 0.96      |
| 17.41     | 7.5-18.5                    | 80.41                | 2200        | 96.49   | 1833        | 0.96      |
| 19.45     | 7.5-18.5                    | 72.00                | 2300        | 86.40   | 1917        | 0.96      |
| 22.40     | 7.5-15                      | 62.49                | 2300        | 74.99   | 1917        | 0.96      |
| 24.92     | 7.5-15                      | 56.19                | 2500        | 67.42   | 2083        | 0.96      |
| 27.87     | 5.5-15                      | 50.23                | 2600        | 60.28   | 2167        | 0.96      |
| 31.38     | 5.5-11                      | 44.61                | 2700        | 53.53   | 2250        | 0.96      |
| 36.52     | 3.0-11                      | 38.34                | 2500        | 46.00   | 2083        | 0.96      |
| 44.02     | 3-7.5                       | 31.80                | 2600        | 38.16   | 2167        | 0.96      |
| 49.16     | 3-7.5                       | 28.48                | 2700        | 34.17   | 2250        | 0.96      |
| 56.64     | 3-7.5                       | 24.72                | 2700        | 29.66   | 2250        | 0.96      |
| 63.00     | 2.2-5.5                     | 22.22                | 2700        | 26.67   | 2250        | 0.96      |
| 70.46     | 2.2-5.5                     | 19.87                | 2700        | 23.84   | 2250        | 0.96      |
| 79.34     | 2.2-5.5                     | 17.64                | 2700        | 21.17   | 2250        | 0.96      |
| 86.34     | 1.5-4                       | 16.22                | 2700        | 19.46   | 2250        | 0.96      |
| 102.71    | 1.5-4                       | 13.63                | 2700        | 16.36   | 2250        | 0.96      |
| 115.82    | 1.1-3                       | 12.09                | 2700        | 14.51   | 2250        | 0.96      |
| 126.91    | 1.1-3                       | 11.03                | 2700        | 13.24   | 2250        | 0.96      |
| 147.33    | 0.75-2.5                    | 9.50                 | 2700        | 11.40   | 2250        | 0.96      |
| 164.34    | 0.75-1.5                    | 8.52                 | 2700        | 10.22   | 2250        | 0.96      |
| 174.19    | 0.75-1.5                    | 8.04                 | 2700        | 9.64  | 2250        | 0.96      |
| 197.37    | 0.75                        | 7.09                 | 2700        | 8.51  | 2250        | 0.96      |

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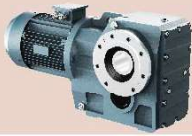
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| AK97      |                             | Data Table 1400r/min |             | Torque M2 Max 4300NM<br>Output shaft (Hollow): 70mm<br>Output shaft (Solid): 70mm |             |           |
|-----------|-----------------------------|----------------------|-------------|---|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz  |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output Speed(n2)  | Torque (M2) |           |
| 8.71      | 22-30                       | 168.85               | 2660        | 202.62  | 2217        | 0.96      |
| 10.41     | 22-30                       | 141.22               | 2870        | 169.46  | 2392        | 0.96      |
| 11.99     | 18.5-30                     | 122.60               | 3890        | 147.12  | 3242        | 0.96      |
| 13.85     | 18.5-30                     | 106.14               | 4300        | 127.37  | 3583        | 0.96      |
| 16.56     | 15-30                       | 88.77                | 4300        | 106.52  | 3583        | 0.96      |
| 18.96     | 15-30                       | 77.54                | 4300        | 93.04   | 3583        | 0.96      |
| 22.37     | 11-30                       | 65.72                | 4300        | 78.86   | 3583        | 0.96      |
| 24.74     | 11-22                       | 59.42                | 4300        | 71.30   | 3583        | 0.96      |
| 27.90     | 11-22                       | 52.69                | 4300        | 63.23   | 3583        | 0.96      |
| 30.81     | 11-22                       | 47.71                | 4300        | 57.26   | 3583        | 0.96      |
| 34.22     | 7.5-15                      | 42.95                | 4300        | 51.54   | 3583        | 0.96      |
| 38.29     | 7.5-15                      | 38.39                | 4300        | 46.07   | 3583        | 0.96      |
| 41.87     | 7.5-15                      | 35.11                | 4300        | 42.13   | 3583        | 0.96      |
| 47.93     | 5.5-11                      | 30.67                | 4300        | 36.80   | 3583        | 0.96      |
| 56.55     | 3-11                        | 25.99                | 4300        | 31.19   | 3583        | 0.96      |
| 62.55     | 3-11                        | 23.50                | 4300        | 28.20   | 3583        | 0.96      |
| 70.54     | 3-7.5                       | 20.84                | 4300        | 25.01   | 3583        | 0.96      |
| 77.89     | 3-7.5                       | 18.87                | 4300        | 22.65   | 3583        | 0.96      |
| 86.52     | 3-7.5                       | 16.99                | 4300        | 20.39   | 3583        | 0.96      |
| 96.80     | 2.2-5.5                     | 15.19                | 4300        | 18.22   | 3583        | 0.96      |
| 105.13    | 2.2-5.5                     | 13.98                | 4300        | 16.78   | 3583        | 0.96      |
| 123.93    | 1.5-5.5                     | 11.86                | 4300        | 14.23   | 3583        | 0.96      |
| 140.28    | 1.1-4                       | 10.48                | 4300        | 12.57   | 3583        | 0.96      |
| 153.21    | 1.1-4                       | 9.59                 | 4300        | 11.51   | 3583        | 0.96      |
| 176.05    | 1.1-3.0                     | 8.35                 | 4300        | 10.02   | 3583        | 0.96      |



| AK107     |                             | Data Table 1400r/min |             | Torque M2 Max 8000NM<br>Output shaft (Hollow): 90mm<br>Output shaft (Solid): 90mm |             |           |
|-----------|-----------------------------|----------------------|-------------|---|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz  |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output Speed(n2)  | Torque (M2) |           |
| 8.69      | 5.5-45                      | 169.16               | 4070        | 202.99  | 3392        | 0.96      |
| 9.94      | 5.5-45                      | 147.89               | 4190        | 177.46  | 3492        | 0.96      |
| 11.73     | 5.5-45                      | 125.32               | 4300        | 150.38  | 3583        | 0.96      |
| 13.43     | 5.5-45                      | 109.46               | 4300        | 131.35  | 3583        | 0.96      |
| 14.63     | 5.5-45                      | 100.48               | 6690        | 120.57  | 5742        | 0.96      |
| 16.75     | 5.5-45                      | 87.76                | 7050        | 105.31  | 5875        | 0.96      |
| 19.74     | 5.5-45                      | 74.47                | 7200        | 89.36   | 6000        | 0.96      |
| 22.62     | 2.2-45                      | 64.99                | 7200        | 77.98   | 6000        | 0.96      |
| 26.32     | 2.2-45                      | 55.85                | 7200        | 67.02   | 6000        | 0.96      |
| 29.00     | 2.2-45                      | 50.69                | 7200        | 60.83   | 6000        | 0.96      |
| 31.28     | 7.5-45                      | 46.99                | 7200        | 56.39   | 6000        | 0.96      |
| 32.68     | 5.5-22                      | 44.98                | 6800        | 53.98   | 5667        | 0.96      |
| 37.00     | 5.5-45                      | 39.73                | 7200        | 47.68   | 6000        | 0.96      |
| 42.33     | 5.5-45                      | 34.73                | 7360        | 41.67   | 6133        | 0.96      |
| 49.90     | 5.5-45                      | 29.46                | 7840        | 35.35   | 6533        | 0.96      |
| 57.17     | 2.2-45                      | 25.71                | 8000        | 30.86   | 6667        | 0.96      |
| 66.52     | 2.2-45                      | 22.10                | 8000        | 26.52   | 6667        | 0.96      |
| 73.30     | 2.2-45                      | 20.05                | 8000        | 24.07   | 6667        | 0.96      |
| 82.61     | 2.2-22                      | 17.79                | 8000        | 21.35   | 6667        | 0.96      |
| 90.96     | 2.2-22                      | 16.16                | 8000        | 19.39   | 6667        | 0.96      |
| 100.75    | 2.2-15                      | 14.59                | 8000        | 17.51   | 6667        | 0.96      |
| 112.41    | 2.2-15                      | 13.08                | 8000        | 15.69   | 6667        | 0.96      |
| 121.46    | 2.2-7.5                     | 12.10                | 8000        | 14.52   | 6667        | 0.96      |
| 143.47    | 2.2-7.5                     | 10.25                | 8000        | 12.30   | 6667        | 0.96      |

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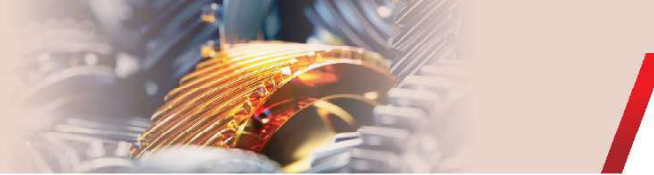
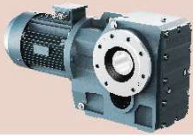
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| AK127     | Data Table 1400r/min        |                   |             | Torque M2 Max 13000NM<br>Output shaft (Hollow): 100mm<br>Output shaft (Solid): 110mm |             |           |
|-----------|-----------------------------|-------------------|-------------|--|-------------|-----------|
|           | 2 Stages                    |                   | 50Hz        | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2) | Torque (M2) | Output Speed(n2)   | Torque (M2) |           |
| 8.68      | 37-90                       | 169.42            | 7230        | 203.30   | 6025        | 0.96      |
| 10.74     | 37-90                       | 136.84            | 8000        | 164.21   | 6667        | 0.96      |
| 12.78     | 37-90                       | 115.00            | 8530        | 138.00   | 7108        | 0.96      |
| 14.37     | 37-90                       | 102.28            | 12100       | 122.74   | 10083       | 0.96      |
| 17.79     | 37-90                       | 82.61             | 13000       | 99.13  | 10833       | 0.96      |
| 21.17     | 22-90                       | 69.43             | 13000       | 83.31  | 10833       | 0.96      |
| 23.94     | 22-90                       | 61.41             | 13000       | 73.69  | 10833       | 0.96      |
| 27.72     | 18.5-75                     | 53.03             | 13000       | 63.64  | 10833       | 0.96      |
| 31.41     | 18.5-55                     | 46.80             | 13000       | 56.15  | 10833       | 0.96      |
| 36.30     | 18.5-45                     | 40.50             | 13000       | 48.60  | 10833       | 0.96      |
| 40.25     | 18.5-45                     | 36.52             | 13000       | 43.82  | 10833       | 0.96      |
| 47.90     | 15-45                       | 30.69             | 13000       | 36.83  | 10833       | 0.96      |
| 54.15     | 15-37                       | 27.15             | 13000       | 32.58  | 10833       | 0.96      |
| 62.70     | 15-30                       | 23.44             | 13000       | 28.13  | 10833       | 0.96      |
| 71.06     | 7.5-30                      | 20.69             | 13000       | 24.82  | 10833       | 0.96      |
| 82.11     | 7.5-22                      | 17.90             | 13000       | 21.48  | 10833       | 0.96      |
| 90.03     | 7.5-22                      | 16.33             | 13000       | 19.59  | 10833       | 0.96      |
| 110.35    | 7.5-18.5                    | 13.32             | 13000       | 15.99  | 10833       | 0.96      |
| 122.67    | 7.5-15                      | 11.98             | 13000       | 14.38  | 10833       | 0.96      |
| 136.35    | 7.5-15                      | 10.78             | 13000       | 12.94  | 10833       | 0.96      |
| 146.30    | 7.5                         | 10.05             | 13000       | 12.06  | 10833       | 0.96      |



| AK157     |                             | Data Table 1400r/min |             | Torque M2 Max 18000NM<br>Output shaft (Hollow): 120mm<br>Output shaft (Solid): 120mm |             |           |
|-----------|-----------------------------|----------------------|-------------|--|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output speed(n2)   | Torque (M2) |           |
| 12.66     | 55-200                      | 116.15               | 17000       | 139.39   | 14167       | 0.96      |
| 14.92     | 55-200                      | 98.51                | 18000       | 118.21   | 15000       | 0.96      |
| 18.37     | 45-160                      | 80.04                | 18000       | 96.05  | 15000       | 0.96      |
| 21.31     | 45-132                      | 68.99                | 18000       | 82.79  | 15000       | 0.96      |
| 23.95     | 45-132                      | 61.38                | 18000       | 73.66  | 15000       | 0.96      |
| 27.62     | 45-90                       | 53.21                | 18000       | 63.86  | 15000       | 0.96      |
| 31.30     | 30-90                       | 46.96                | 18000       | 56.35  | 15000       | 0.96      |
| 38.02     | 18.5-90                     | 38.66                | 18000       | 46.40  | 15000       | 0.96      |
| 46.79     | 18.5-55                     | 31.41                | 18000       | 37.70  | 15000       | 0.96      |
| 54.29     | 18.5-55                     | 27.08                | 18000       | 32.49  | 15000       | 0.96      |
| 61.02     | 18.5-55                     | 24.09                | 18000       | 28.91  | 15000       | 0.96      |
| 70.38     | 18.5-45                     | 20.89                | 18000       | 25.06  | 15000       | 0.96      |
| 79.75     | 15-37                       | 18.43                | 18000       | 22.12  | 15000       | 0.96      |
| 91.65     | 11-37                       | 16.04                | 18000       | 19.25  | 15000       | 0.96      |
| 100.22    | 11-30                       | 14.67                | 18000       | 17.60  | 15000       | 0.96      |
| 122.39    | 11-22                       | 12.01                | 18000       | 14.41  | 15000       | 0.96      |
| 150.41    | 11-15                       | 9.77                 | 18000       | 11.73  | 15000       | 0.96      |

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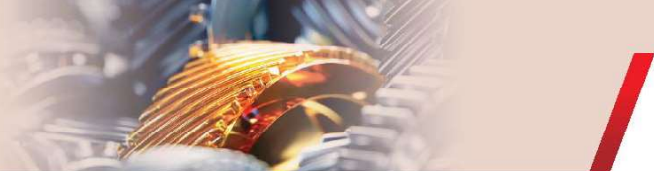
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| AK167     | Data Table 1400r/min        |                   |             | Torque M2 Max 3200NM<br>Output shaft (Hollow): 140mm<br>Output shaft (Solid): 160mm |             |      |
|-----------|-----------------------------|-------------------|-------------|---|-------------|------|
|           | 2 Stages                    |                   | 50Hz        |   | 60Hz        |      |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2) | Torque (M2) | Output Speed(n2)  | Torque (M2) |      |
| 17.34     | 45-200                      | 81.00             | 32000       | 97.20   | 26667       | 0.96 |
| 20.32     | 45-200                      | 69.00             | 32000       | 82.80   | 26667       | 0.96 |
| 24.52     | 45-200                      | 57.00             | 32000       | 68.40   | 26667       | 0.96 |
| 28.77     | 45-132                      | 49.00             | 32000       | 58.80   | 26667       | 0.96 |
| 32.25     | 30-132                      | 43.00             | 32000       | 51.60   | 26667       | 0.96 |
| 36.61     | 18.5-110                    | 38.00             | 32000       | 45.60   | 26667       | 0.96 |
| 42.89     | 18.5-90                     | 33.00             | 32000       | 39.60   | 26667       | 0.96 |
| 51.77     | 18.5-90                     | 27.00             | 32000       | 32.40   | 26667       | 0.96 |
| 60.74     | 18.5-75                     | 23.00             | 32000       | 27.60   | 26667       | 0.96 |
| 68.07     | 18.5-55                     | 20.89             | 32000       | 25.06   | 26667       | 0.96 |
| 78.14     | 15-37                       | 18.00             | 32000       | 21.60   | 26667       | 0.96 |
| 87.86     | 11-37                       | 16.00             | 32000       | 19.20   | 26667       | 0.96 |
| 109.83    | 11-30                       | 13.00             | 32000       | 15.60   | 26667       | 0.96 |
| 134.99    | 11-22                       | 10.00             | 32000       | 12.00   | 26667       | 0.96 |
| 164.50    | 11-15                       | 8.50              | 32000       | 10.20   | 26667       | 0.96 |



| AK187     |                             | Data Table 1400r/min |             | Torque M2 Max 50000NM<br>Output shaft (Hollow): 160mm<br>Output shaft (Solid): 190mm |             |           |
|-----------|-----------------------------|----------------------|-------------|--|-------------|-----------|
| 2 Stages  |                             | 50Hz                 |             | 60Hz   |             | Eff. (RD) |
| Ratio (i) | Nominal Power min-max (kW1) | Output Speed (n2)    | Torque (M2) | Output Speed(n2)   | Torque (M2) |           |
| 17.18     | 132-200                     | 81.00                | 41400       | 97.20  | 34500       | 0.96      |
| 20.15     | 132-200                     | 69.00                | 43900       | 82.80  | 36583       | 0.96      |
| 24.18     | 132-200                     | 58.00                | 47600       | 69.60  | 39667       | 0.96      |
| 27.92     | 110-200                     | 50.00                | 50000       | 60.00  | 41667       | 0.96      |
| 33.23     | 110-200                     | 42.00                | 50000       | 50.40  | 41667       | 0.96      |
| 38.57     | 90-200                      | 36.00                | 50000       | 43.20  | 41667       | 0.96      |
| 42.51     | 90-200                      | 33.00                | 50000       | 39.60  | 41667       | 0.96      |
| 45.50     | 75-200                      | 31.00                | 50000       | 37.20  | 41667       | 0.96      |
| 53.36     | 75-160                      | 26.00                | 50000       | 31.20  | 41667       | 0.96      |
| 64.04     | 55-132                      | 22.00                | 50000       | 26.40  | 41667       | 0.96      |
| 73.96     | 45-132                      | 19.00                | 50000       | 22.80  | 41667       | 0.96      |
| 88.00     | 30-110                      | 16.00                | 50000       | 19.20  | 41667       | 0.96      |
| 102.16    | 30-90                       | 14.00                | 50000       | 16.80  | 41667       | 0.96      |
| 112.60    | 22-75                       | 12.00                | 50000       | 14.40  | 41667       | 0.96      |
| 129.69    | 18.5-75                     | 11.00                | 50000       | 13.20  | 41667       | 0.96      |
| 144.59    | 18.5-55                     | 9.70                 | 50000       | 11.64  | 41667       | 0.96      |
| 165.21    | 15-45                       | 8.50                 | 50000       | 10.20  | 41667       | 0.96      |
| 179.86    | 15-45                       | 7.80                 | 50000       | 9.36   | 41667       | 0.96      |

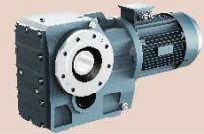
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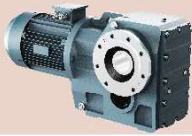
| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type        | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type       | Motor pole |
|----------------------|---------------------|-----------|---------------------|-------------|------------|----------------------|---------------------|-----------|---------------------|------------|------------|
| <b>0.12KW</b>        |                     |           |                     |             |            | <b>0.12KW</b>        |                     |           |                     |            |            |
| 0.08                 | 11800               | 17550     | 1.10                |             |            | 1.0                  | 930                 | 1351      | 0.90                |            |            |
| 0.09                 | 10700               | 16006     | 1.20                |             |            | 1.2                  | 795                 | 1171      | 1.05                |            |            |
| 0.09                 | 9880                | 14975     | 1.30                | AK127 AR77  |            | 1.3                  | 695                 | 1034      | 1.20                |            |            |
| 0.11                 | 8010                | 12440     | 1.60                | AKF127 AR77 |            | 1.5                  | 585                 | 903       | 1.40                |            |            |
| 0.13                 | 6920                | 10915     | 1.90                | AKA127 AR77 | 4P         | 1.7                  | 545                 | 793       | 1.50                |            |            |
| 0.14                 | 6320                | 9819      | 2.1                 | AKAF127AR77 |            | 2.0                  | 440                 | 697       | 1.85                |            |            |
| 0.16                 | 5220                | 8443      | 2.5                 |             |            | 2.2                  | 390                 | 613       | 2.1                 | AK67 AR37  |            |
| 0.18                 | 4820                | 7482      | 2.7                 |             |            | 2.5                  | 340                 | 542       | 2.4                 | AKF67 AR37 | 4P         |
|                      |                     |           |                     |             |            | 2.9                  | 315                 | 471       | 2.6                 | AKA67 AR37 |            |
| 0.10                 | 9590                | 14311     | 0.85                |             |            | 3.3                  | 265                 | 420       | 3.1                 | AKAF67AR37 |            |
| 0.11                 | 8060                | 12211     | 1.00                |             |            | 3.8                  | 235                 | 361       | 3.5                 |            |            |
| 0.13                 | 6930                | 10677     | 1.15                |             |            | 4.3                  | 210                 | 323       | 3.9                 |            |            |
| 0.14                 | 6280                | 9524      | 1.25                | AK107 AR77  |            | 4.9                  | 176                 | 279       | 4.7                 |            |            |
| 0.17                 | 5410                | 8328      | 1.50                | AKF107 AR77 | 4P         | 5.6                  | 155                 | 246       | 5.3                 |            |            |
| 0.19                 | 4720                | 7270      | 1.70                | AKA107 AR77 |            | 6.3                  | 134                 | 217       | 6.1                 |            |            |
| 0.22                 | 3760                | 6184      | 2.1                 | AKAF107AR77 |            |                      |                     |           |                     |            |            |
| 0.24                 | 3320                | 5662      | 2.4                 |             |            | 1.5                  | 585                 | 906       | 1.05                |            |            |
| 0.27                 | 3020                | 5138      | 2.7                 |             |            | 1.7                  | 525                 | 806       | 1.15                |            |            |
| 0.32                 | 2700                | 4359      | 3.0                 |             |            | 2.0                  | 445                 | 699       | 1.35                |            |            |
|                      |                     |           |                     |             |            | 2.2                  | 390                 | 615       | 1.55                |            |            |
| 0.17                 | 5310                | 8054      | 0.80                |             |            | 2.5                  | 340                 | 544       | 1.75                |            |            |
| 0.20                 | 4350                | 6970      | 1.00                |             |            | 2.9                  | 310                 | 473       | 1.95                | K57 R37    |            |
| 0.23                 | 3890                | 6027      | 1.10                |             |            | 3.3                  | 265                 | 421       | 2.3                 | KF57 R37   | 4P         |
| 0.26                 | 3560                | 5391      | 1.20                |             |            | 3.8                  | 235                 | 362       | 2.5                 | KA57 R37   |            |
| 0.30                 | 2950                | 4669      | 1.45                |             |            | 4.3                  | 210                 | 319       | 2.9                 | KAF57R37   |            |
| 0.34                 | 2640                | 4082      | 1.65                |             |            | 4.9                  | 176                 | 280       | 3.4                 |            |            |
| 0.39                 | 2320                | 3583      | 1.85                |             |            | 5.6                  | 155                 | 246       | 3.9                 |            |            |
| 0.44                 | 2040                | 3108      | 2.1                 | AK97 AR57   |            | 6.4                  | 135                 | 215       | 4.4                 |            |            |
| 0.50                 | 1720                | 2757      | 2.5                 | AKF97 AR57  | 4P         | 7.2                  | 122                 | 192       | 4.9                 |            |            |
| 0.57                 | 1580                | 2419      | 2.7                 | AKA97 AR57  |            |                      |                     |           |                     |            |            |
| 0.65                 | 1370                | 2123      | 3.2                 | AKAF97AR57  |            | 2.2                  | 430                 | 639       | 0.95                |            |            |
| 0.74                 | 1220                | 1856      | 3.5                 |             |            | 2.5                  | 370                 | 552       | 1.10                | AK47 AR37  |            |
| 0.85                 | 1000                | 1625      | 4.3                 |             |            | 2.8                  | 315                 | 495       | 1.25                | AKF47 AR37 |            |
| 0.96                 | 860                 | 1430      | 5.0                 |             |            | 3.2                  | 280                 | 426       | 1.45                | AKA47 AR37 | 4P         |
| 1.1                  | 830                 | 1261      | 5.2                 |             |            | 3.7                  | 235                 | 375       | 1.70                | AKAF47AR37 |            |
| 1.2                  | 725                 | 1102      | 5.9                 |             |            | 4.2                  | 215                 | 327       | 1.85                |            |            |
|                      |                     |           |                     |             |            | 4.8                  | 189                 | 289       | 2.1                 |            |            |
| 0.26                 | 3380                | 5240      | 0.80                |             |            | 4.0                  | 235                 | 346       | 0.85                |            |            |
| 0.30                 | 2850                | 4562      | 0.95                |             |            | 4.5                  | 200                 | 304       | 1.00                |            |            |
| 0.34                 | 2610                | 4037      | 1.05                |             |            | 5.2                  | 182                 | 267       | 1.10                | AK37 AR17  |            |
| 0.38                 | 2330                | 3609      | 1.15                |             |            | 5.9                  | 157                 | 234       | 1.25                | AKF37 AR17 | 4P         |
| 0.44                 | 1990                | 3107      | 1.35                |             |            | 6.7                  | 138                 | 205       | 1.45                | AKA37 AR17 |            |
| 0.51                 | 1700                | 2728      | 1.60                |             |            | 7.6                  | 120                 | 181       | 1.65                | AKAF37AR17 |            |
| 0.58                 | 1500                | 2371      | 1.80                |             |            | 8.6                  | 105                 | 160       | 1.90                |            |            |
| 0.66                 | 1380                | 2088      | 1.95                |             |            | 10                   | 88                  | 136       | 2.3                 |            |            |
| 0.74                 | 1220                | 1854      | 2.2                 | AK87 AR57   |            |                      |                     |           |                     |            |            |
| 0.83                 | 1090                | 1657      | 2.5                 | AKF87 AR57  | 4P         | 6.2                  | 184                 | 144.79    | 4.4                 | AK 67      |            |
| 0.97                 | 930                 | 1415      | 2.9                 | AKA87 AR57  |            |                      |                     |           |                     | AKF 67     | 6P         |
| 1.1                  | 800                 | 1229      | 3.4                 | AKAF87AR57  |            |                      |                     |           |                     | AKA 67     |            |
| 1.3                  | 695                 | 1078      | 3.9                 |             |            |                      |                     |           |                     | AKAF67     |            |
| 1.5                  | 585                 | 951       | 4.6                 |             |            | 6.2                  | 185                 | 145.15    | 3.2                 |            |            |
| 1.6                  | 505                 | 837       | 5.4                 |             |            | 7.3                  | 158                 | 123.85    | 3.8                 | AK 57      |            |
| 1.9                  | 435                 | 726       | 6.2                 |             |            | 8.3                  | 138                 | 108.29    | 4.3                 | AKF 57     | 6P         |
|                      |                     |           |                     |             |            | 8.8                  | 131                 | 102.88    | 4.6                 | AKA 57     |            |
|                      |                     |           |                     |             |            | 10                   | 115                 | 90.26     | 5.2                 | AKAF57     |            |
|                      |                     |           |                     |             |            | 12                   | 98                  | 76.26     | 6.2                 |            |            |
| 0.51                 | 1790                | 2717      | 0.85                |             |            | 9.5                  | 121                 | 145.14    | 5.0                 | AK 57      |            |
| 0.58                 | 1510                | 2370      | 1.05                |             |            | 11                   | 103                 | 123.85    | 5.8                 | AKF 57     | 4P         |
| 0.67                 | 1380                | 2050      | 1.10                |             |            | 13                   | 90                  | 108.29    | 6.7                 | AKA 57     |            |
| 0.78                 | 1180                | 1772      | 1.30                |             |            | 13                   | 85                  | 102.88    | 7.0                 | AKAF57     |            |
| 0.91                 | 1010                | 1514      | 1.55                | AK77 AR37   |            | 15                   | 75                  | 90.26     | 8.0                 |            |            |
| 0.99                 | 920                 | 1388      | 1.70                | AKF77 AR37  | 4P         |                      |                     |           |                     |            |            |
| 1.1                  | 810                 | 1218      | 1.90                | AKA77 AR37  |            |                      |                     |           |                     |            |            |
| 1.3                  | 710                 | 1053      | 2.2                 | AKAF77AR37  |            |                      |                     |           |                     |            |            |
| 1.5                  | 620                 | 924       | 2.5                 |             |            | 6.8                  | 168                 | 131.87    | 2.4                 | AK 47      |            |
| 1.7                  | 550                 | 815       | 2.8                 |             |            | 7.4                  | 155                 | 121.48    | 2.6                 | AKF 47     | 6P         |
| 2.0                  | 440                 | 709       | 3.5                 |             |            | 8.6                  | 133                 | 104.37    | 3.0                 | AKA 47     |            |
| 2.2                  | 385                 | 622       | 4.0                 |             |            |                      |                     |           |                     | AKAF47     |            |





| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type       | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i)   | Service factor (fs) | Type   | Motor pole |        |        |      |        |      |
|----------------------|---------------------|-----------|---------------------|------------|------------|----------------------|---------------------|-------------|---------------------|--------|------------|--------|--------|------|--------|------|
| <b>0.12KW</b>        |                     |           |                     |            |            | <b>0.18KW</b>        |                     |             |                     |        |            |        |        |      |        |      |
| 10                   | 110                 | 131.87    | 8140                | AK47       | 4P         | 1.4                  | 1040                | 957         | 4.1                 | AK97   | AR57       |        |        |      |        |      |
| 11                   | 101                 | 121.48    | 8170                | AKF47      |            | 1.5                  | 930                 | 855         | 4.6                 | AKF97  | AR57       |        |        |      |        |      |
|                      |                     |           |                     | AKA47      |            | 1.8                  | 755                 | 743         | 5.7                 | AKA97  | AR57       |        |        |      |        |      |
|                      |                     |           |                     | AKAF47     |            | 2.0                  | 675                 | 652         | 6.4                 | AKAF97 | AR57       |        |        |      |        |      |
| 8.5                  | 136                 | 106.38    | 1.50                | AK 37      | 6P         | 0.42                 | 3330                | 3107        | 0.80                | AK87   | AR57       |        |        |      |        |      |
| 9.2                  | 125                 | 97.81     | 1.60                | AKF 37     |            | 0.48                 | 2880                | 2728        | 0.95                |        | AKF87      | AR57   |        |      |        |      |
| 11                   | 107                 | 83.69     | 1.90                | AKA 37     |            | 0.56                 | 2520                | 2371        | 1.05                |        | AKA87      | AR57   |        |      |        |      |
| 12                   | 92                  | 72.54     | 2.2                 | AKAF37     |            | 0.63                 | 2290                | 2088        | 1.20                |        | AKAF87     | AR57   |        |      |        |      |
| 13                   | 88                  | 106.38    | 2.3                 | AK 37      | 4P         | 0.71                 | 2030                | 1854        | 1.35                |        | AK77       | AR37   |        |      |        |      |
| 14                   | 81                  | 97.81     | 2.5                 |            |            | AKF 37               | 0.80                | 1820        | 1657                |        |            | 1.50   | AKF77  | AR37 |        |      |
| 16                   | 70                  | 83.69     | 2.9                 |            |            | AKA 37               | 0.93                | 1540        | 1415                |        |            | 1.75   | AKA77  | AR37 |        |      |
| 19                   | 60                  | 72.54     | 3.3                 |            |            | AKAF37               | 1.1                 | 1340        | 1229                |        |            | 2.0    | AKAF77 | AR37 |        |      |
| 20                   | 56                  | 67.80     | 3.5                 |            |            |                      | 1.2                 | 1160        | 1078                |        |            | 2.3    |        |      |        |      |
| 24                   | 49                  | 58.60     | 4.1                 |            |            |                      | 1.4                 | 1000        | 951                 |        |            | 2.7    |        |      |        |      |
| 28                   | 41                  | 49.79     | 4.8                 |            |            |                      | 1.6                 | 870         | 837                 | 3.1    |            |        |        |      |        |      |
| 31                   | 37                  | 44.46     | 5.4                 |            |            |                      | 1.8                 | 755         | 726                 | 3.6    |            |        |        |      |        |      |
| 36                   | 32                  | 37.97     | 6.3                 |            |            |                      | 0.87                | 1670        | 1514                | 0.95   |            |        |        |      |        |      |
| 39                   | 30                  | 35.57     | 6.8                 |            |            |                      | 0.95                | 1530        | 1388                | 1.00   |            |        |        |      |        |      |
| 46                   | 25                  | 29.96     | 8.0                 |            | 1.1        | 1340                 | 1218                | 1.15        |                     |        |            |        |        |      |        |      |
| 48                   | 24                  | 28.83     | 8.4                 |            | 1.2        | 1170                 | 1053                | 1.35        |                     |        |            |        |        |      |        |      |
| 55                   | 21                  | 24.99     | 9.6                 |            | 1.4        | 1030                 | 924                 | 1.50        |                     |        |            |        |        |      |        |      |
| 59                   | 19                  | 23.36     | 10                  |            | 1.6        | 910                  | 815                 | 1.70        |                     |        |            |        |        |      |        |      |
| 68                   | 17                  | 20.19     | 11                  |            | 1.9        | 750                  | 709                 | 2.1         |                     |        |            |        |        |      |        |      |
| 80                   | 14                  | 17.15     | 13                  |            | 2.1        | 655                  | 622                 | 2.4         |                     |        |            |        |        |      |        |      |
| 90                   | 13                  | 15.32     | 14                  |            | 2.4        | 590                  | 552                 | 2.6         |                     |        |            |        |        |      |        |      |
| 105                  | 11                  | 13.08     | 15                  |            | 2.7        | 515                  | 485                 | 3.0         |                     |        |            |        |        |      |        |      |
| 114                  | 10                  | 12.14     | 16                  |            | 3.1        | 455                  | 428                 | 3.4         |                     |        |            |        |        |      |        |      |
|                      |                     |           |                     |            | 3.6        | 400                  | 367                 | 3.9         |                     |        |            |        |        |      |        |      |
| <b>0.18KW</b>        |                     |           |                     |            |            | <b>0.18KW</b>        |                     |             |                     |        |            |        |        |      |        |      |
| 0.09                 | 16300               | 14975     | 0.80                | AK127 AR77 | 4P         | 1.5                  | 980                 | 903         | 0.85                | AK67   | AR37       |        |        |      |        |      |
| 0.11                 | 13400               | 12440     | 0.95                |            |            | AKF127 AR77          | 1.7                 | 890         | 793                 |        | 0.90       | AKF67  | AR37   |      |        |      |
| 0.12                 | 11600               | 10915     | 1.10                |            |            | AKA127 AR77          | 1.9                 | 745         | 697                 |        | 1.10       | AKA67  | AR37   |      |        |      |
| 0.13                 | 10500               | 9819      | 1.25                |            |            | AKAF127AR77          | 2.2                 | 655         | 613                 |        | 1.25       | AKAF67 | AR37   |      |        |      |
| 0.16                 | 8850                | 8443      | 1.45                |            |            |                      | 2.4                 | 580         | 542                 |        | 1.40       |        |        |      |        |      |
| 0.18                 | 8040                | 7482      | 1.60                |            |            |                      | 2.8                 | 520         | 471                 |        | 1.60       |        |        |      |        |      |
| 0.20                 | 6990                | 6565      | 1.85                |            |            |                      | 3.2                 | 445         | 420                 |        | 1.85       |        |        |      |        |      |
| 0.23                 | 5940                | 5804      | 2.2                 |            |            |                      | 3.7                 | 395         | 361                 |        | 2.1        |        |        |      |        |      |
| 0.26                 | 5220                | 5027      | 2.5                 |            |            |                      | 4.1                 | 350         | 323                 |        | 2.3        |        |        |      |        |      |
| 0.30                 | 4530                | 4423      | 2.9                 |            |            |                      | 4.7                 | 295         | 279                 |        | 2.8        |        |        |      |        |      |
| 0.34                 | 3960                | 3889      | 3.3                 |            |            |                      | 2.2                 | 660         | 615                 |        | 0.90       |        |        |      |        |      |
| 0.40                 | 3310                | 3311      | 3.9                 |            |            |                      | 2.4                 | 580         | 544                 |        | 1.05       |        |        |      |        |      |
| 0.16                 | 8990                | 8328      | 0.90                |            |            | AK107 AR77           | 4P                  | 2.8         | 515                 |        | 473        | 1.15   | AK57   | AR37 |        |      |
| 0.18                 | 7850                | 7270      | 1.00                |            |            |                      |                     | AKF107 AR77 | 3.1                 |        | 450        | 421    |        | 1.35 | AKF57  | AR37 |
| 0.21                 | 6420                | 6184      | 1.25                |            |            |                      |                     | AKA107 AR77 | 3.6                 |        | 395        | 362    |        | 1.50 | AKA57  | AR37 |
| 0.23                 | 5760                | 5662      | 1.40                |            |            |                      |                     | AKAF107AR77 | 4.1                 |        | 350        | 319    |        | 1.75 | AKAF57 | AR37 |
| 0.26                 | 5230                | 5138      | 1.55                |            | 4.7        |                      |                     | 300         | 280                 | 2.0    |            |        |        |      |        |      |
| 0.30                 | 4570                | 4359      | 1.75                |            | 5.4        |                      |                     | 260         | 246                 | 2.3    |            |        |        |      |        |      |
| 0.35                 | 4000                | 3810      | 2.0                 |            | 6.1        |                      |                     | 230         | 215                 | 2.6    |            |        |        |      |        |      |
| 0.39                 | 3440                | 3358      | 2.3                 |            | 6.9        |                      |                     | 205         | 192                 | 2.9    |            |        |        |      |        |      |
| 0.44                 | 3090                | 2977      | 2.6                 |            | 7.9        |                      |                     | 178         | 166                 | 3.4    |            |        |        |      |        |      |
| 0.51                 | 2700                | 2599      | 3.0                 |            | 3.5        |                      |                     | 400         | 375                 | 1.00   |            |        |        |      |        |      |
| 0.58                 | 2340                | 2286      | 3.4                 |            | 4.0        | 360                  | 327                 | 1.10        |                     |        |            |        |        |      |        |      |
| 0.28                 | 4960                | 4669      | 0.85                | AK97 AR57  | 4P         | 4.6                  | 315                 | 289         | 1.25                | AK47   | AR37       |        |        |      |        |      |
| 0.32                 | 4390                | 4082      | 1.00                |            |            | AKF97 AR57           | 5.2                 | 275         | 256                 |        | 1.45       | AKF47  | AR37   |      |        |      |
| 0.37                 | 3860                | 3583      | 1.10                |            |            | AKA97 AR57           | 5.9                 | 245         | 225                 |        | 1.65       | AKA47  | AR37   |      |        |      |
| 0.42                 | 3370                | 3108      | 1.25                |            |            | AKAF97AR57           | 6.7                 | 210         | 198                 |        | 1.90       | AKAF47 | AR37   |      |        |      |
| 0.48                 | 2910                | 2757      | 1.50                |            |            |                      | 7.7                 | 183         | 171                 |        | 2.2        |        |        |      |        |      |
| 0.55                 | 2640                | 2419      | 1.65                |            |            |                      | 8.6                 | 164         | 153                 |        | 2.4        |        |        |      |        |      |
| 0.62                 | 2290                | 2123      | 1.90                |            |            |                      | 10                  | 142         | 131                 |        | 2.8        |        |        |      |        |      |
| 0.71                 | 2030                | 1856      | 2.1                 |            |            |                      | 6.4                 | 225         | 205                 |        | 0.90       |        |        |      |        |      |
| 0.81                 | 1710                | 1625      | 2.5                 |            |            |                      | 7.3                 | 199         | 181                 |        | 1.00       |        |        |      |        |      |
| 0.92                 | 1490                | 1430      | 2.9                 |            |            |                      | 8.2                 | 175         | 160                 |        | 1.15       |        |        |      |        |      |
| 1.0                  | 1380                | 1261      | 3.1                 |            | 9.7        | 148                  | 136                 | 1.35        |                     |        |            |        |        |      |        |      |
| 1.2                  | 1210                | 1102      | 3.6                 |            | 10         | 140                  | 127                 | 1.45        |                     |        |            |        |        |      |        |      |

AK



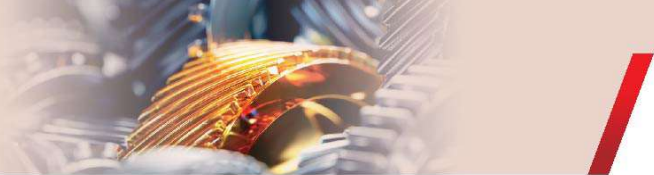
| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fb) | Type   | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fb)                                 | Type  | Motor pole  |    |
|----------------------|---------------------|-----------|---------------------|--------|------------|----------------------|---------------------|-----------|---|---|---|----|
| <b>0.18KW</b>        |                     |           |                     |        |            | <b>0.25KW</b>        |                     |           |   |   |   |    |
| 6.0                  | 285                 | 144.79    | 2.9                 | AK 67  | 6P         | 0.13                 | 15300               | 9819      | 0.85  | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127AR77 | 4P  |    |
| 7.0                  | 145                 | 123.54    | 3.4                 | AKF 67 |            | 0.15                 | 13000               | 8443      | 1.00  |   |   |    |
| 8.1                  | 215                 | 108.03    | 3.8                 | AKA 67 |            | 0.17                 | 11700               | 7482      | 1.10  |   |   |    |
| 8.5                  | 205                 | 102.62    | 4.0                 | AKAF67 |            | 0.20                 | 10200               | 6565      | 1.30  |   |   |    |
| 9.1                  | 189                 | 144.79    | 4.3                 | AK 67  | 4P         | 0.22                 | 8770                | 5804      | 1.50  |   |   |    |
| 11                   | 161                 | 123.54    | 5.1                 | AKF 67 |            | 0.26                 | 7670                | 5027      | 1.70  |   |   |    |
| 12                   | 141                 | 108.03    | 5.8                 | AKA 67 |            | 0.29                 | 6680                | 4423      | 1.95  |   |   |    |
|                      |                     |           |                     | AKAF67 |            | 0.33                 | 5850                | 3889      | 2.2   |   |   |    |
|                      |                     |           |                     |        |            | 0.39                 | 4930                | 3311      | 2.6   |   |   |    |
| 6.0                  | 285                 | 145.15    | 2.1                 | AK 57  | 6P         | 0.21                 | 9440                | 6184      | 0.85  |   | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107AR77 | 4P |
| 7.0                  | 245                 | 123.85    | 2.5                 | AKF 57 |            | 0.23                 | 8520                | 5662      | 0.95  |   |   |    |
| 8.0                  | 215                 | 108.29    | 2.8                 | AKA 57 |            | 0.25                 | 7730                | 5138      | 1.05  |   |   |    |
| 8.5                  | 205                 | 102.88    | 3.0                 | AKA 57 |            | 0.30                 | 6700                | 4359      | 1.20  |   |   |    |
| 9.6                  | 178                 | 90.26     | 3.4                 | AKAF57 |            | 0.34                 | 5850                | 3810      | 1.35  |   |   |    |
| 9.1                  | 189                 | 145.15    | 3.2                 |        | 4P         | 0.39                 | 5070                | 3358      | 1.60  |   |   |    |
| 11                   | 161                 | 123.85    | 3.7                 | AK 57  |            | 0.44                 | 4540                | 2977      | 1.75  |   |   |    |
| 12                   | 141                 | 108.29    | 4.3                 | AKF 57 |            | 0.50                 | 3970                | 2599      | 2.0   |   |   |    |
| 13                   | 134                 | 102.88    | 4.5                 | AKA 57 |            | 0.57                 | 3450                | 2286      | 2.3   |   |   |    |
| 15                   | 118                 | 90.26     | 5.1                 | AKAF57 |            | 0.67                 | 2930                | 1939      | 2.7   |   |   |    |
| 17                   | 100                 | 76.56     | 6.0                 |        |            | 0.76                 | 2640                | 1713      | 3.0   |   |   |    |
|                      |                     |           |                     |        |            | 0.84                 | 2390                | 1554      | 3.3   |   |   |    |
|                      |                     |           |                     |        | 0.97       | 2060                 | 1336                | 3.9       |   |   |   |    |
| 6.6                  | 260                 | 131.87    | 1.55                | AK 47  | 6P         | 0.42                 | 4890                | 3108      | 0.90  | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97AR57     | 4P  |    |
| 7.2                  | 240                 | 121.48    | 1.65                | AKF 47 |            | 0.47                 | 4250                | 2757      | 1.00  |   |   |    |
| 8.3                  | 205                 | 104.37    | 1.95                | AKA 47 |            | 0.54                 | 3840                | 2419      | 1.10  |   |   |    |
| 9.6                  | 180                 | 90.86     | 2.2                 | AKAF47 |            | 0.61                 | 3340                | 2123      | 1.30  |   |   |    |
| 10                   | 168                 | 85.12     | 2.4                 |        |            | 0.70                 | 2950                | 1856      | 1.45  |   |   |    |
| 10                   | 172                 | 131.87    | 2.3                 | AK 47  | 4P         | 0.80                 | 2520                | 1625      | 1.70  |   |   |    |
| 11                   | 158                 | 121.48    | 2.5                 | AKF 47 |            | 0.91                 | 2190                | 1430      | 1.95  |   |   |    |
| 13                   | 136                 | 104.37    | 2.9                 | AKA 47 |            | 1.0                  | 2010                | 1261      | 2.1   |   |   |    |
| 15                   | 118                 | 90.86     | 3.4                 | AKAF47 |            | 1.2                  | 1750                | 1102      | 2.5   |   |   |    |
| 16                   | 111                 | 85.12     | 3.6                 |        |            | 1.4                  | 1520                | 957       | 2.8   |   |   |    |
|                      |                     |           |                     |        |            | 1.5                  | 1360                | 855       | 3.2   |   |   |    |
|                      |                     |           |                     |        |            |                      |                     |           |   |   |   |    |
| 8.2                  | 210                 | 106.38    | 0.95                | AK 37  | 6P         | 0.62                 | 3320                | 2088      | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87AR57     | 4P  |    |
| 8.9                  | 193                 | 97.81     | 1.05                | AKF 37 |            | 0.70                 | 2950                | 1854      | 0.90  |   |   |    |
| 10                   | 165                 | 83.69     | 1.20                | AKA 37 |            | 0.78                 | 2640                | 1657      | 1.00  |   |   |    |
| 12                   | 143                 | 72.54     | 1.40                | AKAF37 |            | 0.92                 | 2250                | 1415      | 1.20  |   |   |    |
| 12                   | 139                 | 106.38    | 1.45                |        | 4P         | 1.1                  | 1950                | 1229      | 1.40  |   |   |    |
| 14                   | 127                 | 97.81     | 1.55                |        |            | 1.2                  | 1700                | 1078      | 1.60  |   |   |    |
| 16                   | 109                 | 83.69     | 1.85                |        |            | 1.4                  | 1470                | 951       | 1.85  |   |   |    |
| 18                   | 95                  | 72.54     | 2.1                 |        |            | 1.5                  | 1280                | 837       | 2.1   |   |   |    |
| 19                   | 88                  | 67.80     | 2.3                 |        |            | 1.8                  | 1110                | 726       | 2.4   |   |   |    |
| 23                   | 76                  | 58.60     | 2.6                 |        |            | 2.0                  | 990                 | 638       | 2.7   |   |   |    |
| 27                   | 65                  | 49.79     | 3.1                 |        |            |                      |                     |           |   |   |   |    |
| 30                   | 58                  | 44.46     | 3.5                 |        |            | 1.2                  | 1690                | 1053      | 0.90  |   |   |    |
| 35                   | 49                  | 37.97     | 4.1                 | AK 37  |            | 4P                   | 1.4                 | 1480      | 924   | 1.05  |   |    |
| 37                   | 46                  | 35.57     | 4.3                 | AKF 37 |            |                      | 1.6                 | 1310      | 815   | 1.20  |   |    |
| 44                   | 39                  | 29.96     | 5.1                 | AKA 37 |            |                      | 1.8                 | 1100      | 709   | 1.40  |   |    |
| 46                   | 38                  | 28.83     | 5.3                 | AKAF37 |            |                      | 2.1                 | 960       | 622   | 1.60  |   |    |
| 53                   | 33                  | 24.99     | 6.2                 |        | 2.3        |                      | 860                 | 552       | 1.80  |   |   |    |
| 57                   | 30                  | 23.36     | 6.4                 |        | 2.7        |                      | 755                 | 485       | 2.0   |   |   |    |
| 65                   | 26                  | 20.19     | 7.0                 |        | 3.0        |                      | 665                 | 428       | 2.3   |   |   |    |
| 77                   | 22                  | 17.15     | 8.1                 |        | 3.5        |                      | 580                 | 367       | 2.7   |   |   |    |
| 86                   | 20                  | 15.31     | 8.8                 |        | 4.0        |                      | 515                 | 328       | 3.0   |   |   |    |
| 101                  | 17                  | 13.08     | 9.7                 |        | 4.5        |                      | 460                 | 290       | 3.4   |   |   |    |
| 109                  | 16                  | 12.14     | 10                  |        | 5.2        |                      | 395                 | 252       | 3.9   |   |   |    |
| 126                  | 14                  | 10.49     | 12                  |        | 5.9        |                      | 345                 | 221       | 4.5   |   |   |    |
| 148                  | 12                  | 8.91      | 14                  |        | 6.7        | 305                  | 195                 | 5.1       |   |   |   |    |
| 166                  | 10                  | 7.96      | 15                  |        | 7.4        | 270                  | 175                 | 5.7       |   |   |   |    |
|                      |                     |           |                     |        |            |                      |                     |           |   |   |   |    |
|                      |                     |           |                     |        | 2.1        | 960                  | 613                 | 0.85      | AK67 AR37<br>AKF67 AR37<br>AKA67 AR37<br>AKAF67AR37 | 4P  |   |    |
|                      |                     |           |                     |        | 2.4        | 850                  | 542                 | 0.95      |   |   |   |    |
|                      |                     |           |                     |        | 2.8        | 755                  | 471                 | 1.10      |   |   |   |    |
|                      |                     |           |                     |        | 3.1        | 655                  | 420                 | 1.25      |   |   |   |    |
|                      |                     |           |                     |        | 3.6        | 575                  | 361                 | 1.45      |   |   |   |    |
|                      |                     |           |                     |        |            |                      |                     |           |   |   |   |    |

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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type   | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs)                                     | Type                                | Motor pole  |   |     |
|----------------------|---------------------|-----------|---------------------|--|------------|----------------------|---------------------|-----------|---|-------------------------------------|---|---|-----|
| <b>0.25KW</b>        |                     |           |                     |  |            | <b>0.25KW</b>        |                     |           |   |                                     |   |   |     |
| 4.0                  | 510                 | 323       | 1.60                | AK67 AR37  | 4P         | 11                   | 225                 | 83.69     | 0.90  | AK 37<br>AKF 37<br>AKA 37<br>AKAF37 | 6P  |   |     |
| 4.7                  | 430                 | 279       | 1.90                | AKF67 AR37   |            | 12                   | 197                 | 72.54     | 1.00  |                                     |   |   |     |
| 5.3                  | 385                 | 246       | 2.1                 | AKA67 AR37   |            | 13                   | 184                 | 67.80     | 1.10  |                                     |   |   |     |
| 6.0                  | 335                 | 217       | 2.4                 | AKAF67AR37   |            | 15                   | 159                 | 58.60     | 1.25  |                                     |   |   |     |
| 3.1                  | 655                 | 421       | 0.90                | AK57 AR37<br>AKF57 AR37<br>AKA57 AR37<br>AKAF57 AR37 | 4P         | 18                   | 135                 | 49.79     | 1.50  | AK 37<br>AKF 37<br>AKA 37<br>AKAF37 | 4P  |   |     |
| 3.6                  | 575                 | 362       | 1.05                |  |            | 12                   | 195                 | 106.38    | 1.00  |                                     |   |   |     |
| 4.1                  | 505                 | 319       | 1.20                |  |            | 13                   | 180                 | 97.81     | 1.10  |                                     |   |   |     |
| 4.7                  | 435                 | 280       | 1.35                |  |            | 16                   | 154                 | 83.69     | 1.30  |                                     |   |   |     |
| 5.3                  | 385                 | 246       | 1.55                |  |            | 18                   | 133                 | 72.54     | 1.50  |                                     |   |   |     |
| 6.1                  | 335                 | 215       | 1.80                |  |            | 19                   | 125                 | 67.80     | 1.60  |                                     |   |   |     |
| 6.8                  | 300                 | 192       | 2.0                 |  |            | 22                   | 108                 | 58.60     | 1.85  |                                     |   |   |     |
| 7.8                  | 260                 | 166       | 2.3                 |  |            | 26                   | 91                  | 49.79     | 2.2   |                                     |   |   |     |
| 9.0                  | 225                 | 145       | 2.7                 |  |            | 29                   | 82                  | 44.46     | 2.5   |                                     |   |   |     |
| 10                   | 205                 | 129       | 2.9                 |  |            | 34                   | 70                  | 37.97     | 2.9   |                                     |   |   |     |
| 12                   | 173                 | 111       | 3.5                 |  |            | 37                   | 65                  | 35.57     | 3.1   |                                     |   |   |     |
| 13                   | 152                 | 97        | 4.0                 |  |            | 43                   | 55                  | 29.96     | 3.6   |                                     |   |   |     |
| 4.4                  | 540                 | 154.02    | 2.9                 |  |            | AK 77                | 8P                  | 45        | 53  |                                     |   | 28.83   | 3.8 |
| 5.0                  | 475                 | 135.28    | 3.3                 | AKF 77   | 52         | 46                   |                     | 24.99     | 4.4   |                                     |   |   |     |
| 5.3                  | 450                 | 128.52    | 3.4                 | AKA 77   | 56         | 43                   |                     | 23.36     | 4.6   |                                     |   |   |     |
| 6.0                  | 400                 | 113.56    | 3.9                 | AKAF77   | 64         | 37                   |                     | 20.19     | 5.0   |                                     |   |   |     |
| 4.6                  | 520                 | 192.18    | 2.8                 | AK 77  | 6P         | 76                   | 32                  | 17.15     | 5.7   | AK 37<br>AKF 37<br>AKA 37<br>AKAF37 | 4P  |   |     |
| 4.9                  | 485                 | 179.37    | 3.0                 | AKF 77   |            | 85                   | 28                  | 15.32     | 6.2   |                                     |   |   |     |
| 5.7                  | 420                 | 154.02    | 3.7                 | AKA 77   |            | 99                   | 24                  | 13.08     | 6.9   |                                     |   |   |     |
| 6.5                  | 365                 | 135.28    | 4.2                 | AKAF77   |            | 107                  | 22                  | 12.14     | 7.2   |                                     |   |   |     |
| 5.5                  | 435                 | 123.54    | 1.90                | AK 67  | 8P         | 124                  | 19                  | 10.49     | 8.3   | AK 37<br>AKF 37<br>AKA 37<br>AKAF37 | 4P  |   |     |
| 6.3                  | 380                 | 108.03    | 2.2                 | AKF 67   |            | 146                  | 16                  | 8.91      | 9.8   |                                     |   |   |     |
| 6.6                  | 360                 | 102.62    | 2.3                 | AKA 67   |            | 163                  | 15                  | 7.96      | 11  |                                     |   |   |     |
| 7.6                  | 315                 | 90.04     | 2.6                 | AKAF67   |            | 191                  | 13                  | 6.80      | 12  |                                     |   |   |     |
| 6.1                  | 395                 | 144.79    | 2.1                 | AK 67  | 6P         | 204                  | 12                  | 6.37      | 12  | AK 37<br>AKF 37<br>AKA 37<br>AKAF37 | 4P  |   |     |
| 7.1                  | 335                 | 123.54    | 2.5                 | AKF 67   |            | <b>0.37KW</b>        |                     |           |   |                                     |   |   |     |
| 8.1                  | 295                 | 108.03    | 2.8                 | AKA 67   |            | 0.18                 | 16600               | 7482      | 0.80  |                                     |   | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127AR77 | 4P  |
| 8.6                  | 280                 | 102.62    | 3.0                 | AKAF67   |            | 0.21                 | 14500               | 6565      | 0.90  |                                     |   |   |     |
| 9.0                  | 265                 | 144.79    | 3.1                 | AK 67  | 0.24       | 12600                | 5804                | 1.05      |   |                                     |   |   |     |
| 11                   | 225                 | 123.54    | 3.6                 | AKF 67   | 0.27       | 11000                | 5027                | 1.20      |   |                                     |   |   |     |
| 12                   | 198                 | 108.03    | 4.1                 | AKA 67   | 0.31       | 9610                 | 4423                | 1.35      |   |                                     |   |   |     |
| 13                   | 189                 | 102.62    | 4.3                 | AKAF67   | 0.35       | 8430                 | 3889                | 1.55      |   |                                     |   |   |     |
| 6.1                  | 395                 | 145.15    | 1.50                | AK 57  | 0.42       | 7120                 | 3311                | 1.85      | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107AR77 | 4P                                  |   |   |     |
| 7.1                  | 335                 | 123.85    | 1.80                | AKF 57   | 0.46       | 6510                 | 2977                | 1.25      |   |                                     |   |   |     |
| 8.1                  | 295                 | 108.29    | 2.0                 | AKA 57   | 0.53       | 5690                 | 2599                | 1.40      |   |                                     |   |   |     |
| 8.6                  | 280                 | 102.88    | 2.2                 | AKAF57   | 0.60       | 4970                 | 2286                | 1.60      |   |                                     |   |   |     |
| 9.8                  | 245                 | 90.26     | 2.5                 | AKAF57   | 0.71       | 4210                 | 1939                | 1.90      |   |                                     |   |   |     |
| 11                   | 210                 | 76.56     | 2.9                 | AKAF57   | 0.81       | 3790                 | 1713                | 2.1       |   |                                     |   |   |     |
| 9.0                  | 265                 | 145.15    | 2.2                 | AK 57  | 0.89       | 3440                 | 1554                | 2.3       |   |                                     | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97AR57 | 4P  |     |
| 11                   | 225                 | 123.85    | 2.6                 | AKF 57   | 0.90       | 3360                 | 1541                | 3.9       |   |                                     |   |   |     |
| 12                   | 199                 | 108.29    | 3.0                 | AKA 57   | 0.36       | 8380                 | 3810                | 0.95      |   |                                     |   |   |     |
| 13                   | 189                 | 102.88    | 3.2                 | AKA 57   | 0.41       | 7300                 | 3358                | 1.10      |   |                                     |   |   |     |
| 14                   | 166                 | 90.26     | 3.6                 | AKAF57   | 0.46       | 6510                 | 2977                | 1.25      |   |                                     |   |   |     |
| 17                   | 141                 | 76.56     | 4.3                 | AKAF57   | 0.53       | 5690                 | 2599                | 1.40      |   |                                     |   |   |     |
| 6.7                  | 360                 | 131.87    | 1.10                | AK 47  | 0.60       | 4970                 | 2286                | 1.60      | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107AR77 | 4P                                  |   |   |     |
| 7.2                  | 330                 | 121.48    | 1.20                | AKF 47   | 0.71       | 4210                 | 1939                | 1.90      |   |                                     |   |   |     |
| 8.4                  | 285                 | 104.37    | 1.40                | AKA 47   | 0.81       | 3790                 | 1713                | 2.1       |   |                                     |   |   |     |
| 9.7                  | 245                 | 90.86     | 1.60                | AKAF47   | 0.89       | 3440                 | 1554                | 2.3       |   |                                     |   |   |     |
| 10                   | 230                 | 85.12     | 1.75                | AKAF47   | 1.0        | 2950                 | 1336                | 2.7       |   |                                     |   |   |     |
| 9.9                  | 240                 | 131.87    | 1.65                | AK 47  | 1.2        | 2580                 | 1166                | 3.1       |   |                                     | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97AR57 | 4P  |     |
| 11                   | 225                 | 121.48    | 1.80                | AKF 47   | 0.65       | 4770                 | 2123                | 0.90      |   |                                     |   |   |     |
| 12                   | 192                 | 104.37    | 2.1                 | AKA 47   | 0.74       | 4200                 | 1856                | 1.00      |   |                                     |   |   |     |
| 14                   | 167                 | 90.86     | 2.4                 | AKAF47   | 0.85       | 3610                 | 1625                | 1.20      |   |                                     |   |   |     |
| 15                   | 156                 | 85.12     | 2.6                 | AKAF47   | 0.96       | 3160                 | 1430                | 1.35      |   |                                     |   |   |     |
|                      |                     |           |                     |  | 1.1        | 2850                 | 1261                | 1.50      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97AR57     | 4P                                  |   |   |     |
|                      |                     |           |                     |  | 1.2        | 2490                 | 1102                | 1.70      |   |                                     |   |   |     |
|                      |                     |           |                     |  | 1.4        | 2160                 | 957                 | 2.0       |   |                                     |   |   |     |
|                      |                     |           |                     |  | 1.6        | 1930                 | 855                 | 2.2       |   |                                     |   |   |     |
|                      |                     |           |                     |  | 1.9        | 1620                 | 743                 | 2.7       |   |                                     |   |   |     |
|                      |                     |           |                     |  | 2.1        | 1430                 | 652                 | 3.0       |   |                                     |   |   |     |
|                      |                     |           |                     |  | 2.4        | 1280                 | 573                 | 3.4       |   |                                     |   |   |     |

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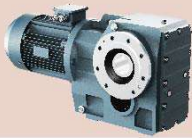
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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type        | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type   | Motor pole |    |
|----------------------|---------------------|-----------|---------------------|-------------|------------|----------------------|---------------------|-----------|---------------------|--------|------------|----|
| <b>0.37KW</b>        |                     |           |                     |             |            | <b>0.37KW</b>        |                     |           |                     |        |            |    |
| 0.97                 | 3200                | 1415      | 0.85                |             |            | 7.2                  | 490                 | 192.18    | 3.0                 | AK 77  | 4P         |    |
| 1.1                  | 2770                | 1229      | 0.95                |             |            | 7.7                  | 460                 | 179.37    | 3.2                 | AKF 77 |            |    |
| 1.3                  | 2420                | 1078      | 1.10                |             |            | 9.0                  | 395                 | 154.02    | 3.9                 | AKA 77 |            |    |
| 1.5                  | 2110                | 951       | 1.30                |             |            |                      |                     |           |                     | AKAF77 |            |    |
| 1.6                  | 1850                | 837       | 1.45                | AK87 AR57   | 4P         | 6.3                  | 560                 | 108.03    | 1.45                | AK 67  | 8P         |    |
| 1.9                  | 1600                | 726       | 1.70                | AKF87 AR57  |            | 6.6                  | 535                 | 102.32    | 1.55                | AKF 67 |            |    |
| 2.2                  | 1420                | 638       | 1.90                | AKA87 AR57  |            | 7.6                  | 470                 | 90.04     | 1.75                | AKA 67 |            |    |
| 2.5                  | 1240                | 562       | 2.2                 | AKAF87AR57  |            |                      |                     |           |                     | AKAF67 |            |    |
| 2.9                  | 1040                | 474       | 2.6                 |             |            |                      | 7.3                 | 485       | 123.54              | 1.70   | AK 67      | 6P |
| 3.2                  | 940                 | 426       | 2.9                 |             |            |                      | 8.3                 | 425       | 108.03              | 1.95   | AKF 67     |    |
| 3.7                  | 810                 | 373       | 3.3                 |             |            |                      | 8.8                 | 405       | 102.62              | 2.0    | AKA 67     |    |
|                      |                     |           |                     |             |            |                      | 10                  | 355       | 90.04               | 2.3    | AKAF67     |    |
| 1.7                  | 1860                | 815       | 0.85                |             | 4P         | 9.5                  | 370                 | 144.79    | 2.2                 | AK 67  | 4P         |    |
| 2.0                  | 1580                | 709       | 1.00                |             |            | 11                   | 315                 | 123.54    | 2.6                 | AKF 67 |            |    |
| 2.2                  | 1380                | 622       | 1.10                |             |            | 13                   | 275                 | 108.03    | 3.0                 | AKA 67 |            |    |
| 2.5                  | 1230                | 552       | 1.25                |             |            | 15                   | 230                 | 90.04     | 3.6                 | AKA 67 |            |    |
| 2.8                  | 1080                | 485       | 1.45                |             |            | 18                   | 196                 | 76.37     | 4.2                 | AKAF67 |            |    |
| 3.2                  | 950                 | 428       | 1.60                | AK77 AR37   |            | 7.3                  | 485                 | 123.85    | 1.25                |        | 6P         |    |
| 3.8                  | 830                 | 367       | 1.85                | AKF77 AR37  |            | 8.3                  | 425                 | 108.29    | 1.40                | AK 57  |            |    |
| 4.2                  | 735                 | 328       | 2.1                 | AKA77 AR37  |            | 8.8                  | 405                 | 102.88    | 1.50                | AKF 57 |            |    |
| 4.8                  | 655                 | 290       | 2.4                 | AKAF77AR37  |            | 10                   | 355                 | 90.26     | 1.70                | AKA 57 |            |    |
| 5.5                  | 565                 | 252       | 2.8                 |             |            | 12                   | 300                 | 76.56     | 2.0                 | AKAF57 |            |    |
| 6.2                  | 495                 | 221       | 3.1                 |             |            | 13                   | 270                 | 69.12     | 2.2                 |        |            |    |
| 7.1                  | 435                 | 195       | 3.5                 |             |            | 9.5                  | 370                 | 145.15    | 1.60                |        | 4P         |    |
| 7.9                  | 390                 | 175       | 4.0                 |             | 11         | 315                  | 123.85              | 1.90      | AK 57               |        |            |    |
| 9.0                  | 340                 | 154       | 4.5                 |             | 13         | 275                  | 108.29              | 2.2       | AKF 57              |        |            |    |
|                      |                     |           |                     |             | 13         | 265                  | 102.88              | 2.3       | AKA 57              |        |            |    |
|                      |                     |           |                     |             | 15         | 230                  | 90.26               | 2.6       | AKAF57              |        |            |    |
|                      |                     |           |                     |             | 18         | 196                  | 76.56               | 3.1       |                     |        |            |    |
| 3.3                  | 940                 | 420       | 0.90                |             | 4P         | 20                   | 177                 | 69.12     | 3.4                 |        |            |    |
| 3.8                  | 820                 | 361       | 1.00                |             |            | 8.6                  | 410                 | 104.37    | 1.00                | AK 47  | 6P         |    |
| 4.3                  | 725                 | 323       | 1.15                |             |            | 9.9                  | 355                 | 90.86     | 1.10                | AKF 47 |            |    |
| 4.9                  | 625                 | 279       | 1.30                |             |            | 11                   | 335                 | 85.12     | 1.20                | AKA 47 |            |    |
| 5.6                  | 550                 | 246       | 1.50                |             |            | 12                   | 295                 | 75.20     | 1.35                | AKAF47 |            |    |
| 6.3                  | 485                 | 217       | 1.70                | AK67 AR37   |            |                      | 10                  | 340       | 131.87              | 1.20   |            | 4P |
| 7.2                  | 430                 | 191       | 1.90                | AKF67 AR37  |            | 11                   | 310                 | 121.48    | 1.30                |        |            |    |
| 8.3                  | 370                 | 166       | 2.1                 | AKA67 AR37  |            | 13                   | 265                 | 104.37    | 1.50                | AK 47  |            |    |
| 9.6                  | 325                 | 145       | 1.85                | AKAF67AR37  |            | 15                   | 235                 | 90.86     | 1.70                | AKF 47 |            |    |
|                      |                     |           |                     |             | 16         | 220                  | 85.12               | 1.85      | AKA 47              |        |            |    |
|                      |                     |           |                     |             | 18         | 193                  | 75.20               | 2.1       | AKAF47              |        |            |    |
|                      |                     |           |                     |             | 20         | 179                  | 69.84               | 2.2       |                     |        |            |    |
|                      |                     |           |                     |             | 22         | 162                  | 63.30               | 2.5       |                     |        |            |    |
| 4.9                  | 625                 | 280       | 0.95                |             | 4P         | 14                   | 250                 | 97.81     | 0.80                |        |            |    |
| 5.6                  | 550                 | 246       | 1.10                |             |            | 16                   | 215                 | 83.69     | 0.95                |        |            |    |
| 6.4                  | 480                 | 215       | 1.25                |             |            | 19                   | 186                 | 72.54     | 1.10                |        |            |    |
| 7.2                  | 430                 | 192       | 1.40                | AK57 AR37   |            | 20                   | 174                 | 67.80     | 1.15                |        |            |    |
| 8.3                  | 370                 | 166       | 1.60                | AKF57 AR37  |            | 24                   | 150                 | 58.60     | 1.35                |        |            |    |
| 9.6                  | 325                 | 145       | 1.85                | AKA57 AR37  |            | 28                   | 128                 | 49.79     | 1.55                |        |            |    |
| 11                   | 290                 | 129       | 2.1                 | AKAF57 AR37 |            | 31                   | 114                 | 44.46     | 1.75                | AK 37  |            |    |
| 12                   | 245                 | 111       | 2.4                 |             | 36         | 97                   | 37.97               | 2.1       | AKF 37              |        |            |    |
| 14                   | 215                 | 97        | 2.8                 |             | 39         | 91                   | 35.57               | 2.2       | AKA 37              |        |            |    |
|                      |                     |           |                     |             | 46         | 77                   | 29.96               | 2.6       | AKAF37              |        |            |    |
|                      |                     |           |                     |             | 48         | 74                   | 28.83               | 2.7       |                     |        |            |    |
| 3.9                  | 910                 | 174.19    | 3.0                 | AK 87       | 8P         | 55                   | 64                  | 24.99     | 3.1                 |        |            |    |
| 4.1                  | 850                 | 164.34    | 3.2                 | AKF 87      |            | 59                   | 60                  | 23.36     | 3.3                 |        |            |    |
| 4.6                  | 765                 | 147.33    | 3.5                 | AKA 87      |            | 68                   | 52                  | 20.19     | 3.6                 |        |            |    |
|                      |                     |           |                     | AKAF87      |            | 80                   | 44                  | 17.15     | 4.1                 |        |            |    |
|                      |                     |           |                     |             | 6P         | 90                   | 39                  | 15.32     | 4.5                 |        |            |    |
| 4.6                  | 775                 | 197.37    | 3.5                 | AK 87       |            | 105                  | 34                  | 13.08     | 4.9                 |        |            |    |
| 5.2                  | 685                 | 174.19    | 4.0                 | AKF 87      |            |                      |                     |           |                     |        |            |    |
|                      |                     |           |                     | AKA 87      |            |                      |                     |           |                     |        |            |    |
|                      |                     |           |                     | AKAF87      |            |                      |                     |           |                     |        |            |    |
| 5.0                  | 705                 | 135.28    | 2.2                 | AK 77       | 8P         |                      |                     |           |                     |        |            |    |
| 5.3                  | 670                 | 128.52    | 2.3                 | AKF 77      |            |                      |                     |           |                     |        |            |    |
| 6.0                  | 590                 | 113.56    | 2.6                 | AKA 77      |            |                      |                     |           |                     |        |            |    |
| 7.0                  | 505                 | 97.05     | 3.1                 | AKAF77      |            |                      |                     |           |                     |        |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |        |            |    |
| 5.8                  | 605                 | 154.02    | 2.6                 | AK 77       | 6P         |                      |                     |           |                     |        |            |    |
| 6.7                  | 530                 | 135.28    | 2.9                 | AKF 77      |            |                      |                     |           |                     |        |            |    |
| 7.0                  | 505                 | 128.52    | 3.1                 | AKA 77      |            |                      |                     |           |                     |        |            |    |
| 7.9                  | 445                 | 113.56    | 3.5                 | AKAF77      |            |                      |                     |           |                     |        |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |        |            |    |



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fa) | Type        | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fa) | Type   | Motor pole |
|----------------------|---------------------|-----------|---------------------|-------------|------------|----------------------|---------------------|-----------|---------------------|--------|------------|
| <b>0.37KW</b>        |                     |           |                     |             |            | <b>0.55KW</b>        |                     |           |                     |        |            |
| 114                  | 31                  | 12.14     | 5.1                 |             |            | 1.4                  | 3260                | 951       | 0.85                |        |            |
| 132                  | 27                  | 10.49     | 5.9                 |             |            | 1.6                  | 2860                | 837       | 0.95                |        |            |
| 155                  | 23                  | 8.91      | 7.0                 | AK 37       | 4P         | 1.9                  | 2480                | 726       | 1.10                |        |            |
| 173                  | 20                  | 7.96      | 7.6                 | AKF 37      |            | 2.1                  | 2190                | 638       | 1.25                |        |            |
| 203                  | 17                  | 6.80      | 8.6                 | AKA 37      |            | 2.4                  | 1920                | 562       | 1.40                | AK87   | AR57       |
| 217                  | 16                  | 6.37      | 8.9                 | AKAF37      |            | 2.9                  | 1620                | 474       | 1.65                | AKF87  | AR57       |
| 257                  | 14                  | 5.36      | 10                  |             |            | 3.2                  | 1450                | 426       | 1.85                | AKA87  | AR57       |
|                      |                     |           |                     |             |            | 3.7                  | 1260                | 373       | 2.1                 | AKAF87 | AR57       |
|                      |                     |           |                     |             |            | 4.1                  | 1110                | 330       | 2.4                 |        |            |
| <b>0.55KW</b>        |                     |           |                     |             |            | <b>0.80KW</b>        |                     |           |                     |        |            |
| 0.08                 | 55900               | 16978     | 0.90                |             |            | 2.5                  | 1900                | 552       | 0.80                |        |            |
| 0.10                 | 46500               | 14272     | 1.10                | AK187 AR97  | 4P         | 2.8                  | 1670                | 485       | 0.95                |        |            |
| 0.10                 | 42500               | 13116     | 1.20                | AKA187 AR97 |            | 3.2                  | 1470                | 428       | 1.05                |        |            |
| 0.12                 | 37400               | 11647     | 1.35                |             |            | 3.7                  | 1270                | 367       | 1.20                |        |            |
| 0.19                 | 23900               | 7343      | 2.1                 |             |            | 4.2                  | 1130                | 328       | 1.35                | AK77   | AR37       |
|                      |                     |           |                     |             |            | 4.7                  | 1000                | 290       | 1.55                | AKF77  | AR37       |
| 0.12                 | 38400               | 11573     | 0.85                |             | 4P         | 5.4                  | 870                 | 252       | 1.80                | AKA77  | AR37       |
| 0.13                 | 33800               | 10264     | 0.95                |             |            | 6.2                  | 760                 | 221       | 2.0                 | AKAF77 | AR37       |
| 0.16                 | 28100               | 8628      | 1.15                | AK167 AR97  |            | 7.0                  | 670                 | 195       | 2.3                 |        |            |
| 0.21                 | 21400               | 6562      | 1.50                | AKA167 AR97 |            | 7.8                  | 600                 | 175       | 2.6                 |        |            |
| 0.25                 | 17200               | 5355      | 1.85                |             |            | 8.8                  | 530                 | 154       | 2.9                 |        |            |
| 0.33                 | 13200               | 4079      | 2.4                 |             |            |                      |                     |           |                     |        |            |
| 0.20                 | 22400               | 6881      | 0.80                | AK157 AR97  |            | 4P                   | 4.9                 | 960       | 279                 | 0.85   |            |
| 0.23                 | 19300               | 5931      | 0.95                | AKF157 AR97 | 5.5        |                      | 840                 | 246       | 0.95                |        |            |
| 0.34                 | 13000               | 3979      | 1.40                | AKA157 AR97 | 6.2        |                      | 745                 | 217       | 1.10                | AK67   | AR37       |
| 0.45                 | 9940                | 3051      | 1.80                | AKAF157AR97 | 7.1        |                      | 660                 | 191       | 1.25                | AKF67  | AR37       |
|                      |                     |           |                     |             | 8.2        |                      | 570                 | 166       | 1.45                | AKA67  | AR37       |
| 0.31                 | 14900               | 4423      | 0.85                |             | 4P         | 9.4                  | 495                 | 144       | 1.65                | AKAF67 | AR37       |
| 0.35                 | 13000               | 3889      | 1.00                |             |            | 11                   | 420                 | 122       | 1.95                |        |            |
| 0.41                 | 11100               | 3311      | 1.20                |             |            | 7.1                  | 660                 | 192       | 0.90                |        |            |
| 0.45                 | 10000               | 3009      | 1.30                | AK127 AR77  |            | 8.2                  | 575                 | 166       | 1.05                | AK57   | AR37       |
| 0.52                 | 8630                | 2607      | 1.50                | AKF127 AR77 |            | 9.4                  | 495                 | 145       | 1.20                | AKF57  | AR37       |
| 0.71                 | 6560                | 1926      | 2.0                 | AKA127 AR77 |            | 11                   | 445                 | 129       | 1.35                | AKA57  | AR37       |
| 0.77                 | 5980                | 1757      | 2.2                 | AKAF127AR77 |            | 12                   | 380                 | 111       | 1.60                | AKAF57 | AR37       |
| 0.88                 | 5220                | 1541      | 2.5                 |             |            | 14                   | 335                 | 97        | 1.80                |        |            |
| 1.0                  | 4570                | 1342      | 2.8                 |             |            |                      |                     |           |                     |        |            |
| 1.2                  | 3990                | 1177      | 3.3                 |             |            |                      |                     |           |                     |        |            |
| 1.3                  | 3490                | 1025      | 3.7                 |             |            |                      |                     |           |                     |        |            |
| 0.46                 | 10100               | 2977      | 0.80                |             | 4P         | 3.9                  | 1350                | 174.19    | 2.0                 | AK 87  | 8P         |
| 0.52                 | 8770                | 2599      | 0.90                |             |            | 4.1                  | 1270                | 164.34    | 2.1                 | AKF 87 |            |
| 0.59                 | 7690                | 2286      | 1.05                |             |            | 4.6                  | 1140                | 147.32    | 2.4                 | AKA 87 |            |
| 0.70                 | 6520                | 1939      | 1.25                |             |            |                      |                     |           |                     | AKAF87 |            |
| 0.79                 | 5850                | 1713      | 1.35                |             |            | 4.6                  | 1150                | 197.37    | 2.3                 | AK 87  | 6P         |
| 0.87                 | 5310                | 1554      | 1.50                | AK107 AR77  |            | 5.2                  | 1020                | 174.19    | 2.7                 | AKF 87 |            |
| 1.0                  | 4570                | 1336      | 1.75                | AKF107 AR77 |            | 5.5                  | 960                 | 164.34    | 2.8                 | AKA 87 |            |
| 1.2                  | 3990                | 1166      | 2.0                 | AKA107 AR77 |            | 6.1                  | 860                 | 147.33    | 3.1                 | AKAF87 |            |
| 1.3                  | 3450                | 1030      | 2.3                 | AKAF107AR77 |            |                      |                     |           |                     |        |            |
| 1.5                  | 3000                | 904       | 2.7                 |             |            | 5.0                  | 1040                | 135.28    | 1.50                | AK 77  | 8P         |
| 1.7                  | 2700                | 793       | 3.0                 |             | 5.3        | 990                  | 128.52              | 1.55      | AKF 77              |        |            |
| 2.0                  | 2360                | 696       | 3.4                 |             | 6.0        | 880                  | 113.56              | 1.75      | AKA 77              |        |            |
| 2.2                  | 2050                | 615       | 3.9                 |             | 7.0        | 750                  | 97.05               | 2.1       | AKAF77              |        |            |
| 0.95                 | 4880                | 1430      | 0.90                |             | 4P         | 5.8                  | 900                 | 154.02    | 1.70                | AK 77  | 6P         |
| 1.1                  | 4380                | 1261      | 1.00                |             |            | 6.7                  | 790                 | 135.28    | 1.95                | AKF 77 |            |
| 1.2                  | 3820                | 1102      | 1.15                |             |            | 7.0                  | 750                 | 128.52    | 2.1                 | AKA 77 |            |
| 1.4                  | 3320                | 957       | 1.30                |             |            | 7.9                  | 665                 | 113.56    | 2.3                 | AKAF77 |            |
| 1.6                  | 2960                | 855       | 1.45                | AK97 AR57   |            |                      |                     |           |                     |        |            |
| 1.8                  | 2520                | 743       | 1.70                | AKF97 AR57  |            | 8.8                  | 595                 | 154.02    | 2.6                 | AK 77  | 4P         |
| 2.1                  | 2220                | 652       | 1.95                | AKA97 AR57  |            | 10                   | 520                 | 135.28    | 3.0                 | AKF 77 |            |
| 2.4                  | 1970                | 573       | 2.2                 | AKAF97AR57  |            | 11                   | 495                 | 128.52    | 3.1                 | AKA 77 |            |
| 2.7                  | 1700                | 504       | 2.5                 |             |            | 12                   | 440                 | 113.56    | 3.5                 | AKA 77 |            |
| 3.1                  | 1470                | 437       | 2.9                 |             |            | 14                   | 375                 | 97.05     | 4.1                 | AKAF77 |            |
| 3.6                  | 1300                | 382       | 3.3                 |             |            |                      |                     |           |                     |        |            |
| 4.5                  | 1040                | 305       | 4.1                 |             |            |                      |                     |           |                     |        |            |

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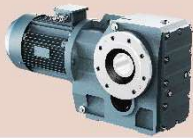
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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type                                 | Motor pole | Output speed (r/min)                 | Output torque (N.M) | Ratio (i)                            | Service factor (fs) | Type   | Motor pole        |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
|----------------------|---------------------|-----------|---------------------|--------------------------------------|------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--|-------------------|--|--------|--|-------------|--|--------|--------------------------------------|--|--------------------------------------|------------|--|--------|--|-------------|--|-------------------|--|--|--------------------------------------|-------------|--|--|--|-------------|--------------------------------------|-------------|--------------------------------------|------------|--|-------|--|-------------|--------------------------------------|------------|--|--------|--|--------|--|-------------|--------------------------------------|--------|--------------------------------------|--------|--|-------------|--|-------------|--|-------------------|--|------------|--|------|--|-------------|--|-------|--|------------|--|-------------------|--|-------------|--------------------------------------|-------|--|------------|--------------------------------------|-------------|--|-------------|--------------------------------------|-------|--|------|--|------------|--------------------------------------|-------------|--|------|--------------------------------------|-------------|--------------------------------------|------------|--|-------------|-------------------|-------|--|------|--|-------------|---------------|-------------|--------------------------------------|-------|--|------|--------------------------------------|-------------|--|-------------|-------------------|-------------|--|------|--|-------|--|-------------|--------------------------------------|-------|--------------------------------------|-------|--|------|-----------|-------------|--|-------------|--|------------|--------------------------------------|-------------|--|------|--|-------------|--|------|--------------------------------------|-------------|------------|-------------|--|------|--|-------------|--|------------|--------------------------------------|-------|--------|-------------|--|-------------------|--|-------|--------------------------------------|-------------|--|-------------|-----------|-------|--|-------------|--------------------------------------|------------|--------------------------------------|------|--|------|---------------|-------------|--|------|--|-------|-------|------------|--------------------------------------|-------------|--|------|---------------|-------|--|------|---------------|-------------|--|-------------|--------------------------------------|-------------|--|-------------|--------------------------------------|-------|--|------|--|-------|--------------------------------------|-------------|--|------|------------|-------|--|-------|--|------|-------------------|-------------|--|-------------|------------|--------|-----------|-------------------|---------------|-------------|------------|------------|------------|-------------|-------|-------------|------------|-------------|--|------|-----------|-------------|------------|-------|--------|------------|--------|-------------|---------------|--------|------------|------|------------|-------------|---------------|-------------------|---------------|-------------|--|------|---------------|------------|--------|------|--|-------------------|--|--------|--|-------|--|-------------|--------|-------------------|-------------------|-------------|---------------|-------|--------|------|---------------|-------------|---------------|-------------------|--|-------------|--|-------|--|--------|--|-------------------|--|-------|--|-------------|--|-------|--|-------------|-----------|-------|---------------|-------|--|------------|---------------|------------|------------|-------------|------------|-------------------|--|-------------|--|-------------|------------|-------------|------------|-------|--|-------------|------------|-------------|------------|-------|--------|-------------|-----------|-------------|------------|-----------|-------------|-------------------|--------|-------------|------------|------------|-------------------|-------------------|------|-------------------|------------|-------------|------|-----------|------------|-------------|-------------------|------|------------|-------------|-----------|-------------|--------|------|------------|------------|--------|--------|--------|-------------------|-------------|-------------------|-------------------|-------------------|-------|-------------------|--------|-------------|-------------------|--------|--------|--------|
| <b>0.55KW</b>        |                     |           |                     |                                      |            | <b>0.75KW</b>                        |                     |                                      |                     |  |                   |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 7.3                  | 720                 | 123.54    | 1.15                | AK 67                                | 6P         | 0.16                                 | 38600               | 8628                                 | 0.85                | AK167 AR97<br>AKA167 AR97                                | 4P                |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 8.3                  | 630                 | 108.03    | 1.30                | AKF 67                               |            | 8.8                                  | 600                 | 102.62                               | 1.35                |  |                   | AKA 67   | 10     | 525  | 90.04       | 1.55   | AKAF67 | 12                                   | 445  | 76.37                                | 1.85       |  | 11     | 475  | 123.54      | 1.70   | AK 67             | 4P   | 0.35   | 17800                                | 3979        | 1.00   | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P   | 13          | 415                                  | 108.03      | 1.95                                 | AKF 67     | 15   | 350   | 90.04  | 2.4         | AKA 67                               | 18         | 295  | 76.37  | 2.8  | AKAF67 | 8.3  | 630         | 108.29                               | 0.95   | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 6P     | 0.42   | 15100       | 3311   | 0.85        | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P                | 8.8  | 600        | 102.88   | 1.00 | 10   | 525         | 90.26  | 1.15  | 12   | 445        | 76.56  | 1.35              | 13   | 405         | 69.12                                | 1.50  | 15   | 355        | 60.81                                | 1.70        | 16   | 335         | 57.42                                | 1.80  | 11   | 480  | 123.85   | 1.25       | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P          | 1.0  | 6220 | 1342                                 | 2.1         | 13                                   | 420        | 108.29   | 1.45        | 13                | 395   | 102.88   | 1.50 | 15   | 350         | 90.26         | 1.70        | 18                                   | 295   | 76.56  | 2.0  | 20                                   | 265         | 69.12  | 2.2         | 22                | 235         | 60.81  | 2.6  | 24   | 220   | 57.42  | 2.7         | 13                                   | 405   | 104.37                               | 1.00  | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                 | 4P   | 1.2       | 7960        | 1713   | 1.00        | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P         | 15                                   | 350         | 90.86  | 1.15 | 16   | 330         | 85.12  | 1.20 | 18                                   | 290         | 75.20      | 1.40        | 19   | 270  | 69.84  | 1.50        | 21   | 245        | 63.30                                | 1.65  | 24     | 220         | 56.83  | 1.80              | 28   | 189   | 48.95                                | 2.1         | 30   | 178         | 46.04     | 2.2   | 23   | 225         | 58.60                                | 0.90       | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P   | 1.7  | 3680 | 793           | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   | 27   | 192   | 49.79 | 1.05       | 31                                   | 172         | 44.46  | 1.15 | 36            | 147   | 37.97  | 1.35 | 38            | 137         | 35.57  | 1.45        | 45                                   | 116         | 29.96  | 1.75        | 47                                   | 111   | 28.83  | 1.80 | 54   | 97    | 24.99                                | 2.1         | 58   | 90   | 23.36      | 2.2   | 67   | 78    | 20.19  | 2.4  | 79                | 66          | 17.15  | 2.7         | 89         | 59     | 15.32     | 3.0               | 104           | 51          | 13.08      | 3.3        | 112        | 47          | 12.14 | 3.4         | 130        | 41          | 10.49  | 4.0  | 153       | 34          | 8.91       | 4.7   | 171    | 31         | 7.96   | 5.1         | 200           | 26     | 6.80       | 5.7  | 214        | 25          | 6.37          | 5.9               | 254           | 21          | 5.36   | 6.8  | <b>0.75KW</b> |            |        |      |  |                   | 1.9  | 3370   | 726  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11   | 58400             | 13116             | 0.85        | 0.12          | 51500 | 11647  | 0.95 | AK187 AR97    | 0.19        | 32800         | 7343              | 1.50   | AKA187 AR97 | 0.20   | 30000 | 6747   | 1.65   | 0.23   | 26500             | 5991   | 1.90  | 3.8  | 1720        | 367  | 0.90  | 4.2  | 1540        | 328       | 1.00  | AK77 AR37     | 4.8   | 1360   | 290        | 1.15          | AKF77 AR37 | 5.5        | 1180        | 252        | 1.30              | AKA77 AR37   | 6.2         | 1030   | 221         | 1.50       | AKAF77 AR37 | 3.9        | 1830  | 176.05   | 2.3         | AK 97      | 8P          | 4.5        | 1590  | 153.21 | 2.7         | AKF 97    | 4.9         | 1460       | 140.28    | 3.0         | AKA 97<br>AKAF 97 |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 8.8                  | 600                 | 102.62    | 1.35                | AKA 67                               |            | 10                                   | 525                 | 90.04                                | 1.55                |  |                   | AKAF67   | 12     | 445  | 76.37       | 1.85   |        | 11                                   | 475  | 123.54                               | 1.70       | AK 67  | 4P     | 0.35   | 17800       | 3979   | 1.00              |  | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P                                   | 13          | 415  |  |  | 108.03      | 1.95                                 | AKF 67      | 15                                   | 350        | 90.04  | 2.4   | AKA 67   | 18          | 295                                  | 76.37      | 2.8  | AKAF67 | 8.3  | 630    | 108.29   | 0.95        | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 6P     |                                      |        | 0.42   | 15100       | 3311   | 0.85        |  |                   | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P         | 8.8  | 600  | 102.88   | 1.00        | 10   | 525   | 90.26  | 1.15       | 12   | 445               | 76.56  | 1.35        | 13                                   | 405   | 69.12  | 1.50       | 15                                   | 355         | 60.81  | 1.70        | 16                                   | 335   | 57.42  | 1.80 | 11   | 480        |                                      |             | 123.85   | 1.25 | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P          | 1.0                                  | 6220       | 1342   | 2.1         | 13                | 420   | 108.29   | 1.45 | 13   | 395         | 102.88        | 1.50        | 15                                   | 350   | 90.26  | 1.70 | 18                                   | 295         | 76.56  | 2.0         | 20                | 265         | 69.12  | 2.2  | 22   | 235   | 60.81  | 2.6         | 24                                   | 220   | 57.42                                | 2.7   |  |      | 13        | 405         | 104.37   | 1.00        |  |            | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P          | 1.2  | 7960 | 1713   | 1.00        | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P   | 15                                   | 350         | 90.86      | 1.15        | 16   | 330  | 85.12  | 1.20        | 18   | 290        | 75.20                                | 1.40  | 19     | 270         | 69.84  | 1.50              | 21   | 245   | 63.30                                | 1.65        | 24   | 220         | 56.83     | 1.80  | 28   | 189         | 48.95                                | 2.1        |                                      |      | 30   | 178  | 46.04         | 2.2         |  |      | 23   | 225   | 58.60 | 0.90       | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7  | 3680 | 793           | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   | 27            | 192         | 49.79  | 1.05        | 31                                   | 172         | 44.46  | 1.15        | 36                                   | 147   | 37.97  | 1.35 | 38   | 137   | 35.57                                | 1.45        | 45   | 116  | 29.96      | 1.75  | 47   | 111   | 28.83  | 1.80 | 54                | 97          | 24.99  | 2.1         | 58         | 90     | 23.36     | 2.2               | 67            | 78          | 20.19      | 2.4        | 79         | 66          | 17.15 | 2.7         | 89         | 59          | 15.32  | 3.0  | 104       | 51          | 13.08      | 3.3   | 112    | 47         | 12.14  | 3.4         | 130           | 41     | 10.49      | 4.0  | 153        | 34          | 8.91          | 4.7               | 171           | 31          | 7.96   | 5.1  | 200           | 26         | 6.80   | 5.7  | 214  | 25                | 6.37   | 5.9    | 254  | 21    |  |             | 5.36   | 6.8               | <b>0.75KW</b>     |             |               |       |        |      | 1.9           | 3370        | 726           | 0.80              | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11   | 58400 | 13116  | 0.85   | 0.12   | 51500             | 11647  | 0.95  | AK187 AR97   | 0.19        | 32800  | 7343  | 1.50   | AKA187 AR97 | 0.20      | 30000 | 6747          | 1.65  | 0.23   | 26500      | 5991          | 1.90       | 3.8        | 1720        | 367        | 0.90              | 4.2  | 1540        | 328  | 1.00        | AK77 AR37  | 4.8         | 1360       | 290   | 1.15   | AKF77 AR37  | 5.5        |             | 1180       | 252   | 1.30   | AKA77 AR37  | 6.2       | 1030        | 221        | 1.50      | AKAF77 AR37 | 3.9               | 1830   | 176.05      | 2.3        | AK 97      | 8P                | 4.5               | 1590 | 153.21            | 2.7        | AKF 97      | 4.9  | 1460      | 140.28     | 3.0         | AKA 97<br>AKAF 97 |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 10                   | 525                 | 90.04     | 1.55                | AKAF67                               |            | 12                                   | 445                 | 76.37                                | 1.85                |  |                   |  | 11     | 475  | 123.54      | 1.70   | AK 67  | 4P                                   | 0.35   | 17800                                | 3979       | 1.00   |        | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P          | 13   | 415               |  |  |                                      | 108.03      | 1.95   |  |  | AKF 67      | 15                                   | 350         | 90.04                                | 2.4        | AKA 67   | 18    | 295  | 76.37       | 2.8                                  | AKAF67     | 8.3  | 630    | 108.29   | 0.95   | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 6P          |                                      |        |                                      |        | 0.42   | 15100       | 3311   | 0.85        |  |                   |  |            | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P   | 8.8  | 600         | 102.88   | 1.00  | 10   | 525        | 90.26  | 1.15              | 12   | 445         | 76.56                                | 1.35  | 13   | 405        | 69.12                                | 1.50        | 15   | 355         | 60.81                                | 1.70  | 16   | 335  | 57.42  | 1.80       |                                      |             | 11   | 480  |                                      |             | 123.85                               | 1.25       | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 4P          | 1.0               | 6220  | 1342   | 2.1  | 13   | 420         | 108.29        | 1.45        | 13                                   | 395   | 102.88   | 1.50 | 15                                   | 350         | 90.26  | 1.70        | 18                | 295         | 76.56  | 2.0  | 20   | 265   | 69.12  | 2.2         | 22                                   | 235   | 60.81                                | 2.6   |  |      | 24        | 220         | 57.42  | 2.7         |  |            |                                      |             | 13   | 405  | 104.37   | 1.00        |  |      | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P          | 1.2        | 7960        | 1713   | 1.00 | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15   | 350        | 90.86                                | 1.15  | 16     | 330         | 85.12  | 1.20              | 18   | 290   | 75.20                                | 1.40        | 19   | 270         | 69.84     | 1.50  | 21   | 245         | 63.30                                | 1.65       |                                      |      | 24   | 220  | 56.83         | 1.80        |  |      | 28   | 189   | 48.95 | 2.1        |                                      |             | 30   | 178  | 46.04         | 2.2   |  |      | 23            | 225         | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7  | 3680        | 793                                  | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   | 27   | 192   | 49.79                                | 1.05        | 31   | 172  | 44.46      | 1.15  | 36   | 147   | 37.97  | 1.35 | 38                | 137         | 35.57  | 1.45        | 45         | 116    | 29.96     | 1.75              | 47            | 111         | 28.83      | 1.80       | 54         | 97          | 24.99 | 2.1         | 58         | 90          | 23.36  | 2.2  | 67        | 78          | 20.19      | 2.4   | 79     | 66         | 17.15  | 2.7         | 89            | 59     | 15.32      | 3.0  | 104        | 51          | 13.08         | 3.3               | 112           | 47          | 12.14  | 3.4  | 130           | 41         | 10.49  | 4.0  | 153  | 34                | 8.91   | 4.7    | 171  | 31    |  |             | 7.96   | 5.1               | 200               | 26          | 6.80          | 5.7   | 214    | 25   | 6.37          | 5.9         | 254           | 21                |  |             | 5.36   | 6.8   | <b>0.75KW</b>  |        |  |                   |  |       | 1.9  | 3370        | 726  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11      | 58400 | 13116         | 0.85  | 0.12   | 51500      | 11647         | 0.95       | AK187 AR97 | 0.19        | 32800      | 7343              | 1.50   | AKA187 AR97 | 0.20   | 30000       | 6747       | 1.65        | 0.23       | 26500 | 5991   | 1.90        | 3.8        |             | 1720       | 367   | 0.90   | 4.2         | 1540      | 328         | 1.00       | AK77 AR37 | 4.8         | 1360              | 290    | 1.15        | AKF77 AR37 | 5.5        |                   | 1180              | 252  | 1.30              | AKA77 AR37 | 6.2         | 1030 | 221       | 1.50       | AKAF77 AR37 | 3.9               | 1830 | 176.05     | 2.3         | AK 97     | 8P          | 4.5    | 1590 | 153.21     | 2.7        | AKF 97 | 4.9    | 1460   | 140.28            | 3.0         | AKA 97<br>AKAF 97 |                   |                   |       |                   |        |             |                   |        |        |        |
| 12                   | 445                 | 76.37     | 1.85                |                                      |            | 11                                   | 475                 | 123.54                               | 1.70                |  |                   | AK 67  | 4P     | 0.35   | 17800       | 3979   | 1.00   |                                      | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P                                   | 13         | 415  |        |  |             | 108.03   | 1.95              |  |  |                                      | AKF 67      | 15   |  |  | 350         | 90.04                                | 2.4         | AKA 67                               | 18         | 295  | 76.37 | 2.8  | AKAF67      | 8.3                                  | 630        | 108.29   | 0.95   | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                 | 6P     |  |             |                                      |        |                                      |        | 0.42   | 15100       | 3311   | 0.85        |  |                   |  |            |  |      | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P          | 8.8  | 600   | 102.88   | 1.00       | 10   | 525               | 90.26  | 1.15        | 12                                   | 445   | 76.56  | 1.35       | 13                                   | 405         | 69.12  | 1.50        | 15                                   | 355   | 60.81  | 1.70 | 16   | 335        |                                      |             | 57.42  | 1.80 |                                      |             | 11                                   | 480        |  |             | 123.85            | 1.25  | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                 | 4P   | 1.0  | 6220        | 1342          | 2.1         | 13                                   | 420   | 108.29   | 1.45 | 13                                   | 395         | 102.88   | 1.50        | 15                | 350         | 90.26  | 1.70 | 18   | 295   | 76.56  | 2.0         | 20                                   | 265   | 69.12                                | 2.2   |  |      | 22        | 235         | 60.81  | 2.6         |  |            |                                      |             | 24   | 220  | 57.42  | 2.7         |  |      |                                      |             | 13         | 405         | 104.37   | 1.00 |  |             | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                 | 4P         | 1.2                                  | 7960  | 1713   | 1.00        | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P                | 15   | 350   | 90.86                                | 1.15        | 16   | 330         | 85.12     | 1.20  | 18   | 290         | 75.20                                | 1.40       |                                      |      | 19   | 270  | 69.84         | 1.50        |  |      | 21   | 245   | 63.30 | 1.65       |                                      |             | 24   | 220  | 56.83         | 1.80  |  |      | 28            | 189         | 48.95  | 2.1         |                                      |             | 30   | 178         | 46.04                                | 2.2   |  |      | 23   | 225   | 58.60                                | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P   | 1.7        | 3680  | 793  | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   | 27                | 192         | 49.79  | 1.05        | 31         | 172    | 44.46     | 1.15              | 36            | 147         | 37.97      | 1.35       | 38         | 137         | 35.57 | 1.45        | 45         | 116         | 29.96  | 1.75 | 47        | 111         | 28.83      | 1.80  | 54     | 97         | 24.99  | 2.1         | 58            | 90     | 23.36      | 2.2  | 67         | 78          | 20.19         | 2.4               | 79            | 66          | 17.15  | 2.7  | 89            | 59         | 15.32  | 3.0  | 104  | 51                | 13.08  | 3.3    | 112  | 47    |  |             | 12.14  | 3.4               | 130               | 41          | 10.49         | 4.0   | 153    | 34   | 8.91          | 4.7         | 171           | 31                |  |             | 7.96   | 5.1   | 200  | 26     | 6.80   | 5.7               | 214  | 25    | 6.37   | 5.9         | 254  | 21    |  |             | 5.36      | 6.8   | <b>0.75KW</b> |       |  |            |               |            | 1.9        | 3370        | 726        | 0.80              | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11   | 58400       | 13116      | 0.85        | 0.12       | 51500 | 11647  | 0.95        | AK187 AR97 | 0.19        | 32800      | 7343  | 1.50   | AKA187 AR97 | 0.20      | 30000       | 6747       | 1.65      | 0.23        | 26500             | 5991   | 1.90        | 3.8        | 1720       |                   | 367               | 0.90 | 4.2               | 1540       | 328         | 1.00 | AK77 AR37 | 4.8        | 1360        | 290               | 1.15 | AKF77 AR37 | 5.5         | 1180      |             | 252    | 1.30 | AKA77 AR37 | 6.2        | 1030   | 221    | 1.50   | AKAF77 AR37       | 3.9         | 1830              | 176.05            | 2.3               | AK 97 | 8P                | 4.5    | 1590        | 153.21            | 2.7    | AKF 97 | 4.9    |
| 11                   | 475                 | 123.54    | 1.70                | AK 67                                | 4P         | 0.35                                 | 17800               | 3979                                 | 1.00                | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P                |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 13                   | 415                 | 108.03    | 1.95                | AKF 67                               |            | 15                                   | 350                 | 90.04                                | 2.4                 |  |                   | AKA 67   |        | 18   | 295         | 76.37  | 2.8    |                                      |  |                                      | AKAF67     | 8.3  | 630    |  |             | 108.29   | 0.95              | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 6P   | 0.42                                 | 15100       | 3311   | 0.85   | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P          | 8.8                                  | 600         | 102.88                               | 1.00       | 10   | 525   | 90.26  | 1.15        | 12                                   | 445        | 76.56  | 1.35   |  |        |  |             |                                      |        |                                      |        | 13   | 405         | 69.12  | 1.50        |  |                   |  |            |  |      |  |             | 15   | 355   | 60.81  | 1.70       | 16   | 335               | 57.42  | 1.80        | 11                                   | 480   | 123.85   | 1.25       | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P          | 1.0  | 6220        | 1342                                 | 2.1   | 13   | 420  | 108.29   | 1.45       |                                      |             | 13   | 395  |                                      |             | 102.88                               | 1.50       |  |             | 15                | 350   |  |      | 90.26  | 1.70        | 18            | 295         | 76.56                                | 2.0   | 20   | 265  | 69.12                                | 2.2         | 22   | 235         | 60.81             | 2.6         | 24   | 220  | 57.42  | 2.7   | 13   | 405         | 104.37                               | 1.00  | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P    |  |      | 1.2       | 7960        | 1713   | 1.00        |  |            |                                      |             | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P   | 15   | 350         |  |      |                                      |             | 90.86      | 1.15        | 16   | 330  |  |             |  |            | 85.12                                | 1.20  | 18     | 290         |  |                   | 75.20  | 1.40  | 19                                   | 270         | 69.84  | 1.50        | 21        | 245   | 63.30  | 1.65        | 24                                   | 220        |                                      |      | 56.83  | 1.80 | 28            | 189         |  |      | 48.95  | 2.1   | 30    | 178        |                                      |             | 46.04  | 2.2  | 23            | 225   |  |      | 58.60         | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P          |                                      |             | 1.7  | 3680        | 793                                  | 2.2   |  |      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    | 27                                   | 192         |  |      | 49.79      | 1.05  | 31   | 172   |  |      | 44.46             | 1.15        | 36   | 147         | 37.97      | 1.35   | 38        | 137               | 35.57         | 1.45        | 45         | 116        | 29.96      | 1.75        | 47    | 111         | 28.83      | 1.80        | 54   | 97   | 24.99     | 2.1         | 58         | 90    | 23.36  | 2.2        | 67     | 78          | 20.19         | 2.4    | 79         | 66   | 17.15      | 2.7         | 89            | 59                | 15.32         | 3.0         | 104  | 51   | 13.08         | 3.3        | 112    | 47   | 12.14  | 3.4               | 130  | 41     | 10.49  | 4.0   |  |             | 153    | 34                | 8.91              | 4.7         | 171           | 31    | 7.96   | 5.1  | 200           | 26          | 6.80          | 5.7               |  |             | 214  | 25    | 6.37   | 5.9    | 254  | 21                | 5.36   | 6.8   | <b>0.75KW</b>  |             |  |       |  |             | 1.9       | 3370  | 726           | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P         | 0.11          | 58400      | 13116      | 0.85        | 0.12       | 51500             |  |             | 11647  | 0.95        | AK187 AR97 | 0.19        | 32800      | 7343  | 1.50   | AKA187 AR97 | 0.20       | 30000       | 6747       | 1.65  | 0.23   | 26500       | 5991      | 1.90        | 3.8        | 1720      | 367         | 0.90              | 4.2    | 1540        | 328        | 1.00       | AK77 AR37         | 4.8               | 1360 | 290               | 1.15       | AKF77 AR37  | 5.5  | 1180      | 252        | 1.30        | AKA77 AR37        | 6.2  | 1030       | 221         | 1.50      | AKAF77 AR37 | 3.9    | 1830 | 176.05     | 2.3        | AK 97  | 8P     | 4.5    | 1590              | 153.21      | 2.7               | AKF 97            | 4.9               | 1460  |                   | 140.28 | 3.0         | AKA 97<br>AKAF 97 |        |        |        |
| 15                   | 350                 | 90.04     | 2.4                 | AKA 67                               |            | 18                                   | 295                 | 76.37                                | 2.8                 |  |                   | AKAF67   |        | 8.3  | 630         | 108.29   | 0.95   | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 |  |                                      | 6P         | 0.42   | 15100  | 3311   | 0.85        | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P                |  |  | 8.8                                  | 600         | 102.88   | 1.00   |  |             | 10                                   | 525         | 90.26                                | 1.15       | 12   | 445   | 76.56  | 1.35        | 13                                   | 405        | 69.12  | 1.50   |  |        |  |             |                                      |        |                                      |        | 15   | 355         | 60.81  | 1.70        |  |                   |  |            |  |      |  |             | 16   | 335   | 57.42  | 1.80       | 11   | 480               | 123.85   | 1.25        | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P    | 1.0  | 6220       |                                      |             | 1342   | 2.1         | 13                                   | 420   | 108.29   | 1.45 | 13   | 395        |                                      |             | 102.88   | 1.50 |                                      |             | 15                                   | 350        |  |             | 90.26             | 1.70  |  |      | 18   | 295         | 76.56         | 2.0         | 20                                   | 265   | 69.12  | 2.2  | 22                                   | 235         | 60.81  | 2.6         | 24                | 220         | 57.42  | 2.7  | 13   | 405   | 104.37   | 1.00        | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P    |                                      |       |  |      | 1.2       | 7960        | 1713   | 1.00        |  |            |                                      |             |  |      | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          |  |      |                                      |             | 15         | 350         | 90.86  | 1.15 |  |             |  |            | 16                                   | 330   | 85.12  | 1.20        |  |                   | 18   | 290   | 75.20                                | 1.40        | 19   | 270         | 69.84     | 1.50  | 21   | 245         | 63.30                                | 1.65       |                                      |      | 24   | 220  | 56.83         | 1.80        |  |      | 28   | 189   | 48.95 | 2.1        |                                      |             | 30   | 178  | 46.04         | 2.2   |  |      | 23            | 225         |  |             |                                      |             | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P    |  |      |  |       | 1.7                                  | 3680        |  |      | 793        | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    |  |      | 27                | 192         | 49.79  | 1.05        | 31         | 172    | 44.46     | 1.15              | 36            | 147         | 37.97      | 1.35       | 38         | 137         | 35.57 | 1.45        | 45         | 116         | 29.96  | 1.75 | 47        | 111         | 28.83      | 1.80  | 54     | 97         | 24.99  | 2.1         | 58            | 90     | 23.36      | 2.2  | 67         | 78          | 20.19         | 2.4               | 79            | 66          | 17.15  | 2.7  | 89            | 59         | 15.32  | 3.0  | 104  | 51                | 13.08  | 3.3    | 112  | 47    |  |             | 12.14  | 3.4               | 130               | 41          | 10.49         | 4.0   | 153    | 34   | 8.91          | 4.7         | 171           | 31                |  |             | 7.96   | 5.1   | 200  | 26     | 6.80   | 5.7               | 214  | 25    | 6.37   | 5.9         | 254  | 21    |  |             | 5.36      | 6.8   | <b>0.75KW</b> |       |  |            |               |            | 1.9        | 3370        | 726        | 0.80              |  |             | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11       | 58400       | 13116      | 0.85  | 0.12   | 51500       | 11647      | 0.95        | AK187 AR97 | 0.19  | 32800  | 7343        | 1.50      | AKA187 AR97 | 0.20       | 30000     | 6747        | 1.65              | 0.23   | 26500       | 5991       | 1.90       | 3.8               | 1720              | 367  | 0.90              | 4.2        | 1540        | 328  | 1.00      | AK77 AR37  | 4.8         | 1360              | 290  | 1.15       | AKF77 AR37  | 5.5       | 1180        | 252    | 1.30 | AKA77 AR37 | 6.2        | 1030   |        | 221    | 1.50              | AKAF77 AR37 | 3.9               | 1830              | 176.05            | 2.3   | AK 97             | 8P     | 4.5         | 1590              | 153.21 | 2.7    | AKF 97 |
| 18                   | 295                 | 76.37     | 2.8                 | AKAF67                               |            | 8.3                                  | 630                 | 108.29                               | 0.95                |  |                   | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 6P     | 0.42   | 15100       | 3311   | 0.85   |                                      | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P                                   |            | 8.8  | 600    | 102.88   | 1.00        |  |                   |  |  | 10                                   | 525         | 90.26  | 1.15   |  |             | 12                                   | 445         | 76.56                                | 1.35       | 13   | 405   | 69.12  | 1.50        | 15                                   | 355        | 60.81  | 1.70   |  |        |  |             |                                      |        |                                      |        | 16   | 335         | 57.42  | 1.80        |  |                   |  |            |  |      |  |             | 11   | 480   | 123.85   | 1.25       | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 4P                | 1.0  | 6220        |                                      |       | 1342   | 2.1        |                                      |             | 13   | 420         | 108.29                               | 1.45  | 13   | 395  | 102.88   | 1.50       | 15                                   | 350         | 90.26  | 1.70 |                                      |             | 18                                   | 295        |  |             | 76.56             | 2.0   |  |      | 20   | 265         | 69.12         | 2.2         | 22                                   | 235   | 60.81  | 2.6  | 24                                   | 220         | 57.42  | 2.7         | 13                | 405         | 104.37   | 1.00 | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                 | 4P    | 1.2  | 7960        |                                      |       |                                      |       |  |      | 1713      | 1.00        | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          |  |            |                                      |             |  |      |  |             |  |      |                                      |             | 15         | 350         | 90.86  | 1.15 |  |             |  |            | 16                                   | 330   | 85.12  | 1.20        |  |                   | 18   | 290   | 75.20                                | 1.40        | 19   | 270         | 69.84     | 1.50  | 21   | 245         | 63.30                                | 1.65       |                                      |      | 24   | 220  | 56.83         | 1.80        |  |      | 28   | 189   | 48.95 | 2.1        |                                      |             | 30   | 178  | 46.04         | 2.2   |  |      | 23            | 225         |  |             |                                      |             | 58.60  | 0.90        |                                      |       |  |      |  |       | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          |  |      | 1.7        | 3680  |  |       |  |      | 793               | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          | 27         | 192    | 49.79     | 1.05              | 31            | 172         | 44.46      | 1.15       | 36         | 147         | 37.97 | 1.35        | 38         | 137         | 35.57  | 1.45 | 45        | 116         | 29.96      | 1.75  | 47     | 111        | 28.83  | 1.80        | 54            | 97     | 24.99      | 2.1  | 58         | 90          | 23.36         | 2.2               | 67            | 78          | 20.19  | 2.4  | 79            | 66         | 17.15  | 2.7  | 89   | 59                | 15.32  | 3.0    | 104  | 51    | 13.08  | 3.3         | 112    | 47                | 12.14             | 3.4         | 130           | 41    | 10.49  | 4.0  | 153           | 34          | 8.91          | 4.7               |  |             | 171  | 31    | 7.96   | 5.1    | 200  | 26                | 6.80   | 5.7   | 214  | 25          | 6.37   | 5.9   |  |             | 254       | 21    | 5.36          | 6.8   |  |            | <b>0.75KW</b> |            |            |             |            |                   |  |             |  |             | 1.9        | 3370        | 726        | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11       | 58400       | 13116      | 0.85  | 0.12   | 51500       | 11647     | 0.95        | AK187 AR97 | 0.19      | 32800       | 7343              | 1.50   | AKA187 AR97 | 0.20       | 30000      | 6747              | 1.65              | 0.23 | 26500             | 5991       | 1.90        | 3.8  | 1720      | 367        | 0.90        | 4.2               | 1540 | 328        | 1.00        | AK77 AR37 | 4.8         | 1360   | 290  | 1.15       | AKF77 AR37 | 5.5    |        | 1180   | 252               | 1.30        | AKA77 AR37        | 6.2               | 1030              | 221   | 1.50              |        | AKAF77 AR37 | 3.9               | 1830   | 176.05 | 2.3    |
| 8.3                  | 630                 | 108.29    | 0.95                | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 6P         | 0.42                                 | 15100               | 3311                                 | 0.85                | AK127 AR77<br>AKF127 AR77<br>AKA127 AR77<br>AKAF127 AR77 | 4P                |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 8.8                  | 600                 | 102.88    | 1.00                |                                      |            | 10                                   | 525                 | 90.26                                | 1.15                |  |                   |  |        | 12   | 445         | 76.56  | 1.35   |                                      |  |                                      |            | 13   | 405    | 69.12  | 1.50        |  |                   |  |  | 15                                   | 355         | 60.81  | 1.70   |  |             | 16                                   | 335         | 57.42                                | 1.80       | 11   | 480   | 123.85   | 1.25        | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P         | 1.0  | 6220   |  |        |  |             | 1342                                 | 2.1    | 13                                   | 420    | 108.29   | 1.45        | 13   | 395         | 102.88   | 1.50              | 15   | 350        |  |      |  |             | 90.26  | 1.70  | 18   | 295        |  |                   | 76.56  | 2.0         |                                      |       | 20   | 265        |                                      |             | 69.12  | 2.2         | 22                                   | 235   | 60.81  | 2.6  | 24   | 220        | 57.42                                | 2.7         | 13   | 405  | 104.37                               | 1.00        | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P         | 1.2  | 7960        | 1713              | 1.00  |  |      | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15            | 350         | 90.86                                | 1.15  | 16   | 330  | 85.12                                | 1.20        | 18   | 290         | 75.20             | 1.40        | 19   | 270  |  |       | 69.84  | 1.50        |                                      |       |                                      |       |  |      | 21        | 245         |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             | 63.30      | 1.65        | 24   | 220  |  |             |  |            | 56.83                                | 1.80  | 28     | 189         |  |                   | 48.95  | 2.1   | 30                                   | 178         | 46.04  | 2.2         | 23        | 225   | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P         |                                      |      | 1.7  | 3680 | 793           | 2.2         |  |      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    | 27    | 192        |                                      |             | 49.79  | 1.05 | 31            | 172   |  |      | 44.46         | 1.15        |  |             |                                      |             | 36   | 147         |                                      |       |  |      |  |       |                                      |             |  |      | 37.97      | 1.35  |  |       |  |      | 38                | 137         |  |             | 35.57      | 1.45   | 45        | 116               | 29.96         | 1.75        | 47         | 111        | 28.83      | 1.80        | 54    | 97          | 24.99      | 2.1         | 58   | 90   | 23.36     | 2.2         | 67         | 78    | 20.19  | 2.4        | 79     | 66          | 17.15         | 2.7    | 89         | 59   | 15.32      | 3.0         | 104           | 51                | 13.08         | 3.3         | 112  | 47   | 12.14         | 3.4        | 130    | 41   | 10.49  | 4.0               | 153  | 34     | 8.91   | 4.7   | 171  | 31          | 7.96   | 5.1               | 200               | 26          | 6.80          | 5.7   | 214    | 25   | 6.37          | 5.9         | 254           | 21                | 5.36   | 6.8         | <b>0.75KW</b>  |       |  |        |  |                   | 1.9  | 3370  | 726  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P    | 0.11   | 58400       | 13116     | 0.85  | 0.12          | 51500 |  |            | 11647         | 0.95       | AK187 AR97 | 0.19        | 32800      | 7343              |  |             |  |             | 1.50       | AKA187 AR97 | 0.20       | 30000 |  |             | 6747       | 1.65        | 0.23       | 26500 | 5991   | 1.90        | 3.8       | 1720        | 367        | 0.90      | 4.2         | 1540              | 328    | 1.00        | AK77 AR37  | 4.8        | 1360              | 290               | 1.15 | AKF77 AR37        | 5.5        | 1180        | 252  | 1.30      | AKA77 AR37 | 6.2         | 1030              | 221  | 1.50       | AKAF77 AR37 | 3.9       | 1830        | 176.05 | 2.3  | AK 97      | 8P         | 4.5    | 1590   | 153.21 | 2.7               | AKF 97      | 4.9               | 1460              | 140.28            | 3.0   | AKA 97<br>AKAF 97 |        |             |                   |        |        |        |
| 10                   | 525                 | 90.26     | 1.15                |                                      |            | 12                                   | 445                 | 76.56                                | 1.35                |  |                   |  |        | 13   | 405         | 69.12  | 1.50   |                                      |  |                                      |            | 15   | 355    | 60.81  | 1.70        |  |                   |  |  | 16                                   | 335         | 57.42  | 1.80   |  |             | 11                                   | 480         | 123.85                               | 1.25       | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 4P    | 1.0  | 6220        |                                      |            | 1342   | 2.1    |  |        | 13   | 420         | 108.29                               | 1.45   | 13                                   | 395    | 102.88   | 1.50        | 15   | 350         | 90.26  | 1.70              | 18   | 295        | 76.56  | 2.0  |  |             | 20   | 265   | 69.12  | 2.2        |  |                   | 22   | 235         |                                      |       | 60.81  | 2.6        |                                      |             | 24   | 220         | 57.42                                | 2.7   | 13   | 405  | 104.37   | 1.00       | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P          | 1.2  | 7960 | 1713                                 | 1.00        |                                      |            | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15                | 350   | 90.86  | 1.15 |  |             | 16            | 330         | 85.12                                | 1.20  | 18   | 290  | 75.20                                | 1.40        | 19   | 270         | 69.84             | 1.50        | 21   | 245  |  |       | 63.30  | 1.65        |                                      |       |                                      |       | 24   | 220  | 56.83     | 1.80        |  |             | 28   | 189        |                                      |             |  |      |  |             |  |      |                                      |             | 48.95      | 2.1         | 30   | 178  |  |             |  |            | 46.04                                | 2.2   | 23     | 225         |  |                   | 58.60  | 0.90  | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7  | 3680        | 793       | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          |                                      |            |                                      |      | 27   | 192  | 49.79         | 1.05        |  |      |  |       | 31    | 172        |                                      |             | 44.46  | 1.15 | 36            | 147   |  |      | 37.97         | 1.35        |  |             |                                      |             | 38   | 137         |                                      |       |  |      |  |       |                                      |             |  |      | 35.57      | 1.45  |  |       |  |      | 45                | 116         |  |             | 29.96      | 1.75   | 47        | 111               | 28.83         | 1.80        | 54         | 97         | 24.99      | 2.1         | 58    | 90          | 23.36      | 2.2         | 67   | 78   | 20.19     | 2.4         | 79         | 66    | 17.15  | 2.7        | 89     | 59          | 15.32         | 3.0    | 104        | 51   | 13.08      | 3.3         | 112           | 47                | 12.14         | 3.4         | 130  | 41   | 10.49         | 4.0        | 153    | 34   | 8.91   | 4.7               | 171  | 31     | 7.96   | 5.1   | 200  | 26          | 6.80   | 5.7               | 214               | 25          | 6.37          | 5.9   | 254    | 21   | 5.36          | 6.8         | <b>0.75KW</b> |                   |  |             |  |       | 1.9  | 3370   | 726  | 0.80              | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P    | 0.11   | 58400       |  |       | 13116  | 0.85        | 0.12      | 51500 | 11647         | 0.95  |  |            | AK187 AR97    | 0.19       | 32800      | 7343        | 1.50       | AKA187 AR97       | 0.20   | 30000       |  |             | 6747       | 1.65        | 0.23       | 26500 |  |             | 5991       | 1.90        | 3.8        | 1720  | 367    | 0.90        | 4.2       | 1540        | 328        | 1.00      | AK77 AR37   | 4.8               | 1360   | 290         | 1.15       | AKF77 AR37 | 5.5               | 1180              | 252  | 1.30              | AKA77 AR37 | 6.2         | 1030 | 221       | 1.50       | AKAF77 AR37 | 3.9               | 1830 | 176.05     | 2.3         | AK 97     | 8P          | 4.5    | 1590 | 153.21     |            | 2.7    | AKF 97 | 4.9    | 1460              | 140.28      | 3.0               | AKA 97<br>AKAF 97 |                   |       |                   |        |             |                   |        |        |        |
| 12                   | 445                 | 76.56     | 1.35                |                                      |            | 13                                   | 405                 | 69.12                                | 1.50                |  |                   |  |        | 15   | 355         | 60.81  | 1.70   |                                      |  |                                      |            | 16   | 335    | 57.42  | 1.80        |  |                   |  |  | 11                                   | 480         | 123.85   | 1.25   |  |             | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P          | 1.0                                  | 6220       |  |       | 1342   | 2.1         |                                      |            | 13   | 420    | 108.29   | 1.45   | 13   | 395         | 102.88                               | 1.50   | 15                                   | 350    | 90.26  | 1.70        | 18   | 295         | 76.56  | 2.0               | 20   | 265        | 69.12  | 2.2  | 22   | 235         | 60.81  | 2.6   | 24   | 220        |  |                   | 57.42  | 2.7         |                                      |       | 13   | 405        |                                      |             | 104.37   | 1.00        | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P    | 1.2  | 7960 | 1713   | 1.00       |                                      |             | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P   | 15                                   | 350         |                                      |            |  |             | 90.86             | 1.15  | 16   | 330  |  |             | 85.12         | 1.20        | 18                                   | 290   | 75.20  | 1.40 | 19                                   | 270         | 69.84  | 1.50        | 21                | 245         | 63.30  | 1.65 |  |       | 24   | 220         |                                      |       |                                      |       | 56.83  | 1.80 | 28        | 189         |  |             | 48.95  | 2.1        | 30                                   | 178         |  |      |  |             | 46.04  | 2.2  |                                      |             | 23         | 225         | 58.60  | 0.90 |  |             |  |            | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P    | 1.7    | 3680        |  |                   | 793  | 2.2   |                                      |             | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          | 27        | 192   |  |             |                                      |            |                                      |      | 49.79  | 1.05 | 31            | 172         |  |      |  |       | 44.46 | 1.15       |                                      |             | 36   | 147  | 37.97         | 1.35  |  |      | 38            | 137         |  |             |                                      |             | 35.57  | 1.45        |                                      |       |  |      |  |       |                                      |             |  |      | 45         | 116   |  |       |  |      | 29.96             | 1.75        |  |             | 47         | 111    | 28.83     | 1.80              | 54            | 97          | 24.99      | 2.1        | 58         | 90          | 23.36 | 2.2         | 67         | 78          | 20.19  | 2.4  | 79        | 66          | 17.15      | 2.7   | 89     | 59         | 15.32  | 3.0         | 104           | 51     | 13.08      | 3.3  | 112        | 47          | 12.14         | 3.4               | 130           | 41          | 10.49  | 4.0  | 153           | 34         | 8.91   | 4.7  | 171  | 31                | 7.96   | 5.1    | 200  | 26    | 6.80   | 5.7         | 214    | 25                | 6.37              | 5.9         | 254           | 21    | 5.36   | 6.8  | <b>0.75KW</b> |             |               |                   |  |             | 1.9  | 3370  | 726  | 0.80   | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P                |  |       | 0.11   | 58400       |  |       | 13116  | 0.85        | 0.12      | 51500 | 11647         | 0.95  |  |            | AK187 AR97    | 0.19       | 32800      | 7343        | 1.50       | AKA187 AR97       | 0.20   | 30000       |  |             | 6747       | 1.65        | 0.23       | 26500 |  |             | 5991       | 1.90        | 3.8        | 1720  | 367    | 0.90        | 4.2       | 1540        | 328        | 1.00      | AK77 AR37   | 4.8               | 1360   | 290         | 1.15       | AKF77 AR37 | 5.5               | 1180              | 252  | 1.30              | AKA77 AR37 | 6.2         | 1030 | 221       | 1.50       | AKAF77 AR37 | 3.9               | 1830 | 176.05     | 2.3         | AK 97     |             | 8P     | 4.5  | 1590       |            | 153.21 | 2.7    | AKF 97 | 4.9               | 1460        | 140.28            | 3.0               | AKA 97<br>AKAF 97 |       |                   |        |             |                   |        |        |        |
| 13                   | 405                 | 69.12     | 1.50                |                                      |            | 15                                   | 355                 | 60.81                                | 1.70                |  |                   |  |        | 16   | 335         | 57.42  | 1.80   |                                      |  |                                      |            | 11   | 480    | 123.85   | 1.25        |  |                   |  |  | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P          | 1.0  | 6220   |  |             |                                      |             | 1342                                 | 2.1        |  |       | 13   | 420         |                                      |            | 108.29   | 1.45   | 13   | 395    | 102.88   | 1.50        | 15                                   | 350    | 90.26                                | 1.70   | 18   | 295         | 76.56  | 2.0         | 20   | 265               | 69.12  | 2.2        | 22   | 235  | 60.81  | 2.6         | 24   | 220   | 57.42  | 2.7        |  |                   | 13   | 405         |                                      |       | 104.37   | 1.00       | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P          | 1.2  | 7960        |                                      |       | 1713   | 1.00 | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P         |                                      |             |  |      | 15                                   | 350         |                                      |            |  |             | 90.86             | 1.15  | 16   | 330  |  |             | 85.12         | 1.20        | 18                                   | 290   | 75.20  | 1.40 | 19                                   | 270         | 69.84  | 1.50        | 21                | 245         | 63.30  | 1.65 |  |       | 24   | 220         |                                      |       |                                      |       | 56.83  | 1.80 | 28        | 189         |  |             | 48.95  | 2.1        | 30                                   | 178         |  |      |  |             | 46.04  | 2.2  | 23                                   | 225         | 58.60      | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P   | 1.7  | 3680        |  |            |                                      |       | 793    | 2.2         |  |                   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    |                                      |             |  |             | 27        | 192   |  |             |                                      |            |                                      |      | 49.79  | 1.05 | 31            | 172         |  |      |  |       | 44.46 | 1.15       |                                      |             | 36   | 147  | 37.97         | 1.35  |  |      | 38            | 137         |  |             |                                      |             | 35.57  | 1.45        |                                      |       |  |      |  |       |                                      |             |  |      | 45         | 116   |  |       |  |      | 29.96             | 1.75        |  |             | 47         | 111    | 28.83     | 1.80              | 54            | 97          | 24.99      | 2.1        | 58         | 90          | 23.36 | 2.2         | 67         | 78          | 20.19  | 2.4  | 79        | 66          | 17.15      | 2.7   | 89     | 59         | 15.32  | 3.0         | 104           | 51     | 13.08      | 3.3  | 112        | 47          | 12.14         | 3.4               | 130           | 41          | 10.49  | 4.0  | 153           | 34         | 8.91   | 4.7  | 171  | 31                | 7.96   | 5.1    | 200  | 26    | 6.80   | 5.7         | 214    | 25                | 6.37              | 5.9         | 254           | 21    | 5.36   | 6.8  | <b>0.75KW</b> |             |               |                   |  |             | 1.9  | 3370  | 726  | 0.80   |  |                   |  |       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          |  |       | 0.11   | 58400       | 13116     | 0.85  | 0.12          | 51500 | 11647  | 0.95       | AK187 AR97    | 0.19       | 32800      | 7343        | 1.50       | AKA187 AR97       | 0.20   | 30000       |  |             | 6747       | 1.65        | 0.23       | 26500 |  |             | 5991       | 1.90        | 3.8        | 1720  | 367    | 0.90        | 4.2       | 1540        | 328        | 1.00      | AK77 AR37   | 4.8               | 1360   | 290         | 1.15       | AKF77 AR37 | 5.5               | 1180              | 252  | 1.30              | AKA77 AR37 | 6.2         | 1030 | 221       | 1.50       | AKAF77 AR37 | 3.9               | 1830 | 176.05     | 2.3         | AK 97     |             |        | 8P   | 4.5        | 1590       | 153.21 | 2.7    | AKF 97 | 4.9               | 1460        | 140.28            | 3.0               | AKA 97<br>AKAF 97 |       |                   |        |             |                   |        |        |        |
| 15                   | 355                 | 60.81     | 1.70                |                                      |            | 16                                   | 335                 | 57.42                                | 1.80                |  |                   |  |        | 11   | 480         | 123.85   | 1.25   |                                      |  |                                      |            | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                 | 4P     | 1.0  | 6220        |  |                   | 1342   | 2.1  |                                      |             | 13   | 420  | 108.29   | 1.45        |                                      |             | 13                                   | 395        |  |       | 102.88   | 1.50        |                                      |            | 15   | 350    | 90.26  | 1.70   | 18   | 295         | 76.56                                | 2.0    | 20                                   | 265    | 69.12  | 2.2         | 22   | 235         | 60.81  | 2.6               | 24   | 220        | 57.42  | 2.7  | 13   | 405         | 104.37   | 1.00  | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                 | 4P         |  |                   | 1.2  | 7960        | 1713                                 | 1.00  | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P         |                                      |             | 15   | 350         |                                      |       | 90.86  | 1.15 |  |            |                                      |             |  |      | 16                                   | 330         |                                      |            |  |             | 85.12             | 1.20  | 18   | 290  |  |             | 75.20         | 1.40        | 19                                   | 270   | 69.84  | 1.50 | 21                                   | 245         | 63.30  | 1.65        | 24                | 220         | 56.83  | 1.80 |  |       | 28   | 189         |                                      |       |                                      |       | 48.95  | 2.1  | 30        | 178         |  |             | 46.04  | 2.2        | 23                                   | 225         |  |      |  |             | 58.60  | 0.90 | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7        | 3680        |  |      | 793  | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P         |                                      |       | 27     | 192         | 49.79  | 1.05              |  |       |                                      |             |  |             | 31        | 172   |  |             |                                      |            |                                      |      | 44.46  | 1.15 | 36            | 147         |  |      |  |       | 37.97 | 1.35       |                                      |             | 38   | 137  | 35.57         | 1.45  |  |      | 45            | 116         |  |             |                                      |             | 29.96  | 1.75        |                                      |       |  |      |  |       |                                      |             |  |      | 47         | 111   |  |       |  |      | 28.83             | 1.80        |  |             | 54         | 97     | 24.99     | 2.1               | 58            | 90          | 23.36      | 2.2        | 67         | 78          | 20.19 | 2.4         | 79         | 66          | 17.15  | 2.7  | 89        | 59          | 15.32      | 3.0   | 104    | 51         | 13.08  | 3.3         | 112           | 47     | 12.14      | 3.4  | 130        | 41          | 10.49         | 4.0               | 153           | 34          | 8.91   | 4.7  | 171           | 31         | 7.96   | 5.1  | 200  | 26                | 6.80   | 5.7    | 214  | 25    | 6.37   | 5.9         | 254    | 21                | 5.36              | 6.8         | <b>0.75KW</b> |       |        |      |               |             | 1.9           | 3370              | 726  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P    | 0.11   | 58400  |  |                   |  |       |  |             |  |       | 13116  | 0.85        | 0.12      | 51500 | 11647         | 0.95  | AK187 AR97   | 0.19       | 32800         | 7343       | 1.50       | AKA187 AR97 | 0.20       | 30000             | 6747   | 1.65        | 0.23   | 26500       | 5991       | 1.90        | 3.8        | 1720  |  |             | 367        | 0.90        | 4.2        | 1540  | 328    | 1.00        | AK77 AR37 | 4.8         | 1360       | 290       | 1.15        | AKF77 AR37        | 5.5    | 1180        | 252        | 1.30       | AKA77 AR37        | 6.2               | 1030 | 221               | 1.50       | AKAF77 AR37 | 3.9  | 1830      | 176.05     | 2.3         | AK 97             | 8P   | 4.5        | 1590        | 153.21    | 2.7         |        |      | AKF 97     | 4.9        | 1460   | 140.28 | 3.0    | AKA 97<br>AKAF 97 |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 16                   | 335                 | 57.42     | 1.80                |                                      |            | 11                                   | 480                 | 123.85                               | 1.25                |  |                   |  |        | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57                     | 4P          | 1.0  | 6220   | 1342                                 |  |                                      | 2.1        |  |        | 13   | 420         | 108.29   | 1.45              | 13   | 395  |                                      |             | 102.88   | 1.50   | 15   | 350         |                                      |             | 90.26                                | 1.70       |  |       | 18   | 295         |                                      |            | 76.56  | 2.0    | 20   | 265    | 69.12  | 2.2         | 22                                   | 235    | 60.81                                | 2.6    | 24   | 220         | 57.42  | 2.7         | 13   | 405               | 104.37   | 1.00       | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                     | 4P   | 1.2  | 7960        | 1713   | 1.00  |  |            | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P                | 15   | 350         | 90.86                                | 1.15  |  |            |                                      |             | 16   | 330         |                                      |       | 85.12  | 1.20 |  |            |                                      |             |  |      | 18                                   | 290         |                                      |            |  |             | 75.20             | 1.40  | 19   | 270  |  |             | 69.84         | 1.50        | 21                                   | 245   | 63.30  | 1.65 | 24                                   | 220         | 56.83  | 1.80        | 28                | 189         | 48.95  | 2.1  |  |       | 30   | 178         |                                      |       |                                      |       | 46.04  | 2.2  | 23        | 225         |  |             | 58.60  | 0.90       | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          |  |      |  |             | 1.7  | 3680 |                                      |             | 793        | 2.2         |  |      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          |  |            |                                      |       | 27     | 192         | 49.79  | 1.05              |  |       |                                      |             |  |             | 31        | 172   |  |             |                                      |            |                                      |      | 44.46  | 1.15 | 36            | 147         |  |      |  |       | 37.97 | 1.35       |                                      |             | 38   | 137  | 35.57         | 1.45  |  |      | 45            | 116         |  |             |                                      |             | 29.96  | 1.75        |                                      |       |  |      |  |       |                                      |             |  |      | 47         | 111   |  |       |  |      | 28.83             | 1.80        |  |             | 54         | 97     | 24.99     | 2.1               | 58            | 90          | 23.36      | 2.2        | 67         | 78          | 20.19 | 2.4         | 79         | 66          | 17.15  | 2.7  | 89        | 59          | 15.32      | 3.0   | 104    | 51         | 13.08  | 3.3         | 112           | 47     | 12.14      | 3.4  | 130        | 41          | 10.49         | 4.0               | 153           | 34          | 8.91   | 4.7  | 171           | 31         | 7.96   | 5.1  | 200  | 26                | 6.80   | 5.7    | 214  | 25    | 6.37   | 5.9         | 254    | 21                | 5.36              | 6.8         | <b>0.75KW</b> |       |        |      |               |             | 1.9           | 3370              | 726  | 0.80        |  |       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P     |  |                   |  |       |  |             |  |       | 0.11   | 58400       | 13116     | 0.85  | 0.12          | 51500 | 11647  | 0.95       | AK187 AR97    | 0.19       | 32800      | 7343        | 1.50       | AKA187 AR97       | 0.20   | 30000       | 6747   | 1.65        | 0.23       | 26500       | 5991       | 1.90  | 3.8  | 1720        | 367        | 0.90        | 4.2        | 1540  | 328    | 1.00        | AK77 AR37 | 4.8         | 1360       | 290       | 1.15        | AKF77 AR37        | 5.5    | 1180        | 252        | 1.30       | AKA77 AR37        | 6.2               | 1030 | 221               | 1.50       | AKAF77 AR37 | 3.9  | 1830      | 176.05     | 2.3         | AK 97             |      | 8P         | 4.5         | 1590      | 153.21      | 2.7    |      | AKF 97     | 4.9        | 1460   | 140.28 | 3.0    | AKA 97<br>AKAF 97 |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 11                   | 480                 | 123.85    | 1.25                |                                      |            | AK 57<br>AKF 57<br>AKA 57<br>AKAF 57 | 4P                  | 1.0                                  | 6220                |  |                   | 1342   | 2.1    |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 13                   | 420                 | 108.29    | 1.45                | 13                                   | 395        |                                      |                     | 102.88                               | 1.50                | 15   | 350               | 90.26  | 1.70   |  |             | 18   | 295    | 76.56                                | 2.0  | 20                                   | 265        |  |        | 69.12  | 2.2         | 22   | 235               | 60.81  | 2.6  |                                      |             | 24   | 220  | 57.42  | 2.7         |                                      |             | 13                                   | 405        |  |       | 104.37   | 1.00        | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P         | 1.2  | 7960   | 1713   | 1.00   | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15                                   | 350    | 90.86                                | 1.15   | 16   | 330         | 85.12  | 1.20        | 18   | 290               | 75.20  | 1.40       |  |      | 19   | 270         | 69.84  | 1.50  |  |            |  |                   | 21   | 245         | 63.30                                | 1.65  |  |            |                                      |             | 24   | 220         |                                      |       | 56.83  | 1.80 |  |            |                                      |             |  |      | 28                                   | 189         |                                      |            |  |             | 48.95             | 2.1   | 30   | 178  |  |             | 46.04         | 2.2         | 23                                   | 225   | 58.60  | 0.90 | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7  | 3680        | 793               | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   |  |       | 27   | 192         | 49.79                                | 1.05  | 31                                   | 172   | 44.46  | 1.15 | 36        | 147         |  |             | 37.97  | 1.35       |                                      |             | 38   | 137  | 35.57  | 1.45        | 45   | 116  |                                      |             | 29.96      | 1.75        |  |      |  |             |  |            |                                      |       | 47     | 111         | 28.83  | 1.80              |  |       |                                      |             |  |             | 54        | 97    |  |             |                                      |            |                                      |      | 24.99  | 2.1  | 58            | 90          |  |      |  |       | 23.36 | 2.2        |                                      |             | 67   | 78   | 20.19         | 2.4   |  |      | 79            | 66          |  |             |                                      |             | 17.15  | 2.7         |                                      |       |  |      |  |       |                                      |             |  |      | 89         | 59    |  |       |  |      | 15.32             | 3.0         |  |             | 104        | 51     | 13.08     | 3.3               | 112           | 47          | 12.14      | 3.4        | 130        | 41          | 10.49 | 4.0         | 153        | 34          | 8.91   | 4.7  | 171       | 31          | 7.96       | 5.1   | 200    | 26         | 6.80   | 5.7         | 214           | 25     | 6.37       | 5.9  | 254        | 21          | 5.36          | 6.8               | <b>0.75KW</b> |             |  |      |               |            | 1.9    | 3370 | 726  | 0.80              | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P     | 0.11   | 58400 | 13116  | 0.85        | 0.12   | 51500             | 11647             | 0.95        | AK187 AR97    | 0.19  | 32800  | 7343 | 1.50          | AKA187 AR97 | 0.20          | 30000             | 6747   | 1.65        |  |       |  |        |  |                   |  |       |  |             | 0.23   | 26500 | 5991   | 1.90        | 3.8       | 1720  | 367           | 0.90  | 4.2  | 1540       | 328           | 1.00       | AK77 AR37  | 4.8         | 1360       | 290               | 1.15   | AKF77 AR37  | 5.5  | 1180        | 252        | 1.30        | AKA77 AR37 | 6.2   | 1030   | 221         | 1.50       | AKAF77 AR37 | 3.9        | 1830  | 176.05 | 2.3         | AK 97     | 8P          | 4.5        | 1590      | 153.21      | 2.7               | AKF 97 | 4.9         | 1460       | 140.28     | 3.0               | AKA 97<br>AKAF 97 |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 13                   | 395                 | 102.88    | 1.50                | 15                                   | 350        |                                      |                     | 90.26                                | 1.70                | 18   | 295               | 76.56  | 2.0    |  |             | 20   | 265    | 69.12                                | 2.2  | 22                                   | 235        |  |        | 60.81  | 2.6         | 24   | 220               | 57.42  | 2.7  |                                      |             | 13   | 405  | 104.37   | 1.00        |                                      |             | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P         | 1.2  | 7960  | 1713   | 1.00        |                                      |            | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P     | 15   | 350    |  |             | 90.86                                | 1.15   | 16                                   | 330    | 85.12  | 1.20        | 18   | 290         | 75.20  | 1.40              | 19   | 270        |  |      | 69.84  | 1.50        | 21   | 245   |  |            |  |                   | 63.30  | 1.65        | 24                                   | 220   |  |            |                                      |             | 56.83  | 1.80        |                                      |       | 28   | 189  |  |            |                                      |             |  |      | 48.95                                | 2.1         |                                      |            |  |             | 30                | 178   | 46.04  | 2.2  |  |             | 23            | 225         | 58.60                                | 0.90  | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P   |                                      |             | 1.7  | 3680        | 793               | 2.2         |  |      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    | 27   | 192         | 49.79                                | 1.05  | 31                                   | 172   | 44.46  | 1.15 | 36        | 147         | 37.97  | 1.35        | 38   | 137        |                                      |             | 35.57  | 1.45 | 45   | 116         | 29.96  | 1.75 |                                      |             | 47         | 111         |  |      |  |             |  |            |                                      |       | 28.83  | 1.80        | 54   | 97                |  |       |                                      |             |  |             | 24.99     | 2.1   |  |             |                                      |            |                                      |      | 58   | 90   | 23.36         | 2.2         |  |      |  |       | 67    | 78         |                                      |             | 20.19  | 2.4  | 79            | 66    |  |      | 17.15         | 2.7         |  |             |                                      |             | 89   | 59          |                                      |       |  |      |  |       |                                      |             |  |      | 15.32      | 3.0   |  |       |  |      | 104               | 51          |  |             | 13.08      | 3.3    | 112       | 47                | 12.14         | 3.4         | 130        | 41         | 10.49      | 4.0         | 153   | 34          | 8.91       | 4.7         | 171  | 31   | 7.96      | 5.1         | 200        | 26    | 6.80   | 5.7        | 214    | 25          | 6.37          | 5.9    | 254        | 21   | 5.36       | 6.8         | <b>0.75KW</b> |                   |               |             |  |      | 1.9           | 3370       | 726    | 0.80 | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P                |  |        | 0.11   | 58400 | 13116  | 0.85        | 0.12   | 51500             | 11647             | 0.95        | AK187 AR97    | 0.19  | 32800  | 7343 | 1.50          | AKA187 AR97 | 0.20          | 30000             | 6747   | 1.65        |  |       |  |        |  |                   | 0.23   | 26500 |  |             | 5991   | 1.90  | 3.8  | 1720        | 367       | 0.90  | 4.2           | 1540  | 328  | 1.00       | AK77 AR37     | 4.8        | 1360       | 290         | 1.15       | AKF77 AR37        | 5.5  | 1180        | 252  | 1.30        | AKA77 AR37 | 6.2         | 1030       | 221   | 1.50   | AKAF77 AR37 | 3.9        | 1830        | 176.05     | 2.3   | AK 97  | 8P          | 4.5       |             | 1590       | 153.21    | 2.7         | AKF 97            | 4.9    | 1460        | 140.28     | 3.0        | AKA 97<br>AKAF 97 |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 15                   | 350                 | 90.26     | 1.70                | 18                                   | 295        |                                      |                     | 76.56                                | 2.0                 | 20   | 265               | 69.12  | 2.2    |  |             | 22   | 235    | 60.81                                | 2.6  | 24                                   | 220        |  |        | 57.42  | 2.7         | 13   | 405               | 104.37   | 1.00   |                                      |             | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                 | 4P   | 1.2  | 7960        | 1713                                 | 1.00        |                                      |            | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P    | 15   | 350         |                                      |            |  |        | 90.86  | 1.15   |  |             | 16                                   | 330    | 85.12                                | 1.20   | 18   | 290         | 75.20  | 1.40        | 19   | 270               | 69.84  | 1.50       |  |      | 21   | 245         | 63.30  | 1.65  |  |            |  |                   | 24   | 220         | 56.83                                | 1.80  |  |            |                                      |             | 28   | 189         |                                      |       | 48.95  | 2.1  |  |            |                                      |             |  |      | 30                                   | 178         |                                      |            |  |             | 46.04             | 2.2   | 23   | 225  |  |             | 58.60         | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P    |  |      |                                      |             | 1.7  | 3680        | 793               | 2.2         |  |      |  |       | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          | 27                                   | 192   | 49.79                                | 1.05  | 31   | 172  | 44.46     | 1.15        | 36   | 147         | 37.97  | 1.35       |                                      |             | 38   | 137  | 35.57  | 1.45        | 45   | 116  |                                      |             | 29.96      | 1.75        |  |      |  |             |  |            |                                      |       | 47     | 111         | 28.83  | 1.80              |  |       |                                      |             |  |             | 54        | 97    |  |             |                                      |            |                                      |      | 24.99  | 2.1  | 58            | 90          |  |      |  |       | 23.36 | 2.2        |                                      |             | 67   | 78   | 20.19         | 2.4   |  |      | 79            | 66          |  |             |                                      |             | 17.15  | 2.7         |                                      |       |  |      |  |       |                                      |             |  |      | 89         | 59    |  |       |  |      | 15.32             | 3.0         |  |             | 104        | 51     | 13.08     | 3.3               | 112           | 47          | 12.14      | 3.4        | 130        | 41          | 10.49 | 4.0         | 153        | 34          | 8.91   | 4.7  | 171       | 31          | 7.96       | 5.1   | 200    | 26         | 6.80   | 5.7         | 214           | 25     | 6.37       | 5.9  | 254        | 21          | 5.36          | 6.8               | <b>0.75KW</b> |             |  |      |               |            | 1.9    | 3370 |  |                   |  |        | 726  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11   | 58400             | 13116             | 0.85        | 0.12          | 51500 | 11647  | 0.95 | AK187 AR97    | 0.19        | 32800         | 7343              | 1.50   | AKA187 AR97 |  |       |  |        | 0.20   | 30000             | 6747   | 1.65  |  |             | 0.23   | 26500 | 5991   | 1.90        | 3.8       | 1720  | 367           | 0.90  | 4.2  | 1540       | 328           | 1.00       | AK77 AR37  | 4.8         | 1360       | 290               | 1.15   | AKF77 AR37  | 5.5  | 1180        | 252        | 1.30        | AKA77 AR37 | 6.2   | 1030   | 221         | 1.50       | AKAF77 AR37 | 3.9        | 1830  | 176.05 |             | 2.3       |             | AK 97      | 8P        | 4.5         | 1590              | 153.21 | 2.7         | AKF 97     | 4.9        | 1460              | 140.28            | 3.0  | AKA 97<br>AKAF 97 |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 18                   | 295                 | 76.56     | 2.0                 | 20                                   | 265        |                                      |                     | 69.12                                | 2.2                 | 22   | 235               | 60.81  | 2.6    |  |             | 24   | 220    | 57.42                                | 2.7  | 13                                   | 405        |  |        | 104.37   | 1.00        | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47                     | 4P                | 1.2  | 7960   | 1713                                 | 1.00        |  |  | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15                                   | 350         |                                      |            |  |       | 90.86  | 1.15        |                                      |            |  |        | 16   | 330    |  |             | 85.12                                | 1.20   | 18                                   | 290    | 75.20  | 1.40        | 19   | 270         | 69.84  | 1.50              | 21   | 245        |  |      | 63.30  | 1.65        | 24   | 220   |  |            |  |                   | 56.83  | 1.80        | 28                                   | 189   |  |            |                                      |             | 48.95  | 2.1         |                                      |       | 30   | 178  |  |            |                                      |             |  |      | 46.04                                | 2.2         | 23                                   | 225        |  |             | 58.60             | 0.90  | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P   | 1.7  | 3680        | 793           | 2.2         |                                      |       |  |      |                                      |             | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          | 27                | 192         |  |      |  |       |  |             | 49.79                                | 1.05  | 31                                   | 172   | 44.46  | 1.15 | 36        | 147         | 37.97  | 1.35        | 38   | 137        |                                      |             | 35.57  | 1.45 | 45   | 116         | 29.96  | 1.75 |                                      |             | 47         | 111         |  |      |  |             |  |            |                                      |       | 28.83  | 1.80        | 54   | 97                |  |       |                                      |             |  |             | 24.99     | 2.1   |  |             |                                      |            |                                      |      | 58   | 90   | 23.36         | 2.2         |  |      |  |       | 67    | 78         |                                      |             | 20.19  | 2.4  | 79            | 66    |  |      | 17.15         | 2.7         |  |             |                                      |             | 89   | 59          |                                      |       |  |      |  |       |                                      |             |  |      | 15.32      | 3.0   |  |       |  |      | 104               | 51          |  |             | 13.08      | 3.3    | 112       | 47                | 12.14         | 3.4         | 130        | 41         | 10.49      | 4.0         | 153   | 34          | 8.91       | 4.7         | 171  | 31   | 7.96      | 5.1         | 200        | 26    | 6.80   | 5.7        | 214    | 25          | 6.37          | 5.9    | 254        | 21   | 5.36       | 6.8         | <b>0.75KW</b> |                   |               |             |  |      | 1.9           | 3370       | 726    | 0.80 |  |                   |  |        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P    |  |             | 0.11   | 58400             | 13116             | 0.85        | 0.12          | 51500 | 11647  | 0.95 | AK187 AR97    | 0.19        | 32800         | 7343              | 1.50   | AKA187 AR97 |  |       |  |        | 0.20   | 30000             | 6747   | 1.65  | 0.23   | 26500       | 5991   | 1.90  | 3.8  | 1720        | 367       | 0.90  | 4.2           | 1540  | 328  | 1.00       | AK77 AR37     | 4.8        | 1360       | 290         | 1.15       | AKF77 AR37        | 5.5  | 1180        | 252  | 1.30        | AKA77 AR37 | 6.2         | 1030       | 221   | 1.50   | AKAF77 AR37 | 3.9        | 1830        | 176.05     | 2.3   | AK 97  |             | 8P        | 4.5         | 1590       |           | 153.21      | 2.7               | AKF 97 | 4.9         | 1460       | 140.28     | 3.0               | AKA 97<br>AKAF 97 |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 20                   | 265                 | 69.12     | 2.2                 | 22                                   | 235        |                                      |                     | 60.81                                | 2.6                 | 24   | 220               | 57.42  | 2.7    |  |             | 13   | 405    | 104.37                               | 1.00   | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P         | 1.2  | 7960   | 1713   | 1.00        |  |                   | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P   | 15                                   | 350         |  |  |  |             | 90.86                                | 1.15        |                                      |            |  |       | 16   | 330         |                                      |            |  |        | 85.12  | 1.20   |  |             | 18                                   | 290    | 75.20                                | 1.40   | 19   | 270         | 69.84  | 1.50        | 21   | 245               | 63.30  | 1.65       |  |      | 24   | 220         | 56.83  | 1.80  |  |            |  |                   | 28   | 189         | 48.95                                | 2.1   |  |            |                                      |             | 30   | 178         |                                      |       | 46.04  | 2.2  |  |            | 23                                   | 225         |  |      | 58.60                                | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P         | 1.7  | 3680        | 793               | 2.2   |  |      | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          | 27            | 192         |                                      |       |  |      |                                      |             |  |             | 49.79             | 1.05        |  |      |  |       |  |             | 31                                   | 172   | 44.46                                | 1.15  | 36   | 147  | 37.97     | 1.35        | 38   | 137         | 35.57  | 1.45       |                                      |             | 45   | 116  | 29.96  | 1.75        | 47   | 111  |                                      |             | 28.83      | 1.80        |  |      |  |             |  |            |                                      |       | 54     | 97          | 24.99  | 2.1               |  |       |                                      |             |  |             | 58        | 90    |  |             |                                      |            | 23.36                                | 2.2  | 67   | 78   | 20.19         | 2.4         | 79   | 66   |  |       | 17.15 | 2.7        |                                      |             | 89   | 59   | 15.32         | 3.0   |  |      | 104           | 51          |  |             |                                      |             | 13.08  | 3.3         |                                      |       |  |      |  |       |                                      |             |  |      | 112        | 47    |  |       |  |      | 12.14             | 3.4         |  |             | 130        | 41     | 10.49     | 4.0               | 153           | 34          | 8.91       | 4.7        | 171        | 31          | 7.96  | 5.1         | 200        | 26          | 6.80   | 5.7  | 214       | 25          | 6.37       | 5.9   | 254    | 21         | 5.36   | 6.8         | <b>0.75KW</b> |        |            |      |            |             | 1.9           | 3370              | 726           | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11          | 58400      | 13116  | 0.85 |  |                   |  |        |  |       |  |             | 0.12   | 51500             | 11647             | 0.95        | AK187 AR97    | 0.19  | 32800  | 7343 | 1.50          | AKA187 AR97 | 0.20          | 30000             | 6747   | 1.65        | 0.23   | 26500 |  |        | 5991   | 1.90              | 3.8  | 1720  | 367  | 0.90        | 4.2  | 1540  | 328  | 1.00        | AK77 AR37 | 4.8   | 1360          | 290   | 1.15   | AKF77 AR37 | 5.5           | 1180       | 252        | 1.30        | AKA77 AR37 | 6.2               | 1030   | 221         | 1.50   | AKAF77 AR37 | 3.9        | 1830        | 176.05     | 2.3   | AK 97  | 8P          | 4.5        | 1590        | 153.21     | 2.7   | AKF 97 | 4.9         |           | 1460        | 140.28     |           | 3.0         | AKA 97<br>AKAF 97 |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 22                   | 235                 | 60.81     | 2.6                 |                                      |            |                                      |                     |                                      |                     |  |                   |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 24                   | 220                 | 57.42     | 2.7                 | 13                                   | 405        | 104.37                               | 1.00                | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P                  | 1.2  | 7960              | 1713   | 1.00   | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P          | 15   | 350    | 90.86                                | 1.15   |                                      |            | 16   | 330    | 85.12  | 1.20        |  |                   |  |  | 18                                   | 290         |  |  |  |             | 75.20                                | 1.40        |                                      |            |  |       | 19   | 270         |                                      |            |  |        | 69.84  | 1.50   |  |             | 21                                   | 245    | 63.30                                | 1.65   | 24   | 220         | 56.83  | 1.80        | 28   | 189               | 48.95  | 2.1        |  |      | 30   | 178         | 46.04  | 2.2   |  |            |  |                   | 23   | 225         | 58.60                                | 0.90  |  |            | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7  | 3680        | 793                                  | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P   | 27   | 192        | 49.79                                | 1.05        | 31   | 172  | 44.46                                | 1.15        |                                      |            | 36   | 147         | 37.97             | 1.35  |  |      |  |             | 38            | 137         |                                      |       |  |      |                                      |             |  |             | 35.57             | 1.45        |  |      |  |       |  |             | 45                                   | 116   | 29.96                                | 1.75  | 47   | 111  | 28.83     | 1.80        | 54   | 97          | 24.99  | 2.1        |                                      |             | 58   | 90   | 23.36  | 2.2         | 67   | 78   |                                      |             | 20.19      | 2.4         |  |      |  |             |  |            |                                      |       | 79     | 66          | 17.15  | 2.7               |  |       |                                      |             |  |             | 89        | 59    |  |             |                                      |            | 15.32                                | 3.0  | 104  | 51   | 13.08         | 3.3         | 112  | 47   |  |       | 12.14 | 3.4        | 130                                  | 41          | 10.49  | 4.0  | 153           | 34    | 8.91   | 4.7  | 171           | 31          |  |             | 7.96                                 | 5.1         | 200  | 26          |                                      |       | 6.80   | 5.7  |  |       |                                      |             |  |      | 214        | 25    |  |       |  |      | 6.37              | 5.9         |  |             | 254        | 21     | 5.36      | 6.8               | <b>0.75KW</b> |             |            |            |            |             | 1.9   | 3370        | 726        | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11      | 58400       | 13116      | 0.85  | 0.12   | 51500      | 11647  | 0.95        | AK187 AR97    | 0.19   | 32800      | 7343 | 1.50       | AKA187 AR97 | 0.20          | 30000             | 6747          | 1.65        |  |      | 0.23          | 26500      | 5991   | 1.90 |  |                   |  |        |  |       |  |             | 3.8    | 1720              | 367               | 0.90        | 4.2           | 1540  | 328    | 1.00 | AK77 AR37     | 4.8         | 1360          | 290               | 1.15   | AKF77 AR37  | 5.5  | 1180  | 252  | 1.30   | AKA77 AR37   | 6.2               | 1030   | 221   | 1.50   | AKAF77 AR37 | 3.9  | 1830  | 176.05   | 2.3         | AK 97     | 8P    | 4.5           | 1590  | 153.21   | 2.7        | AKF 97        | 4.9        | 1460       | 140.28      | 3.0        | AKA 97<br>AKAF 97 |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 13                   | 405                 | 104.37    | 1.00                | AK 47<br>AKF 47<br>AKA 47<br>AKAF 47 | 4P         | 1.2                                  | 7960                |                                      |                     | 1713   | 1.00              | AK107 AR77<br>AKF107 AR77<br>AKA107 AR77<br>AKAF107 AR77 | 4P     |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 15                   | 350                 | 90.86     | 1.15                |                                      |            | 16                                   | 330                 |                                      |                     | 85.12  | 1.20              |  |        |  |             | 18   | 290    | 75.20                                | 1.40   |                                      |            | 19   | 270    | 69.84  | 1.50        |  |                   |  |  | 21                                   | 245         |  |  |  |             | 63.30                                | 1.65        |                                      |            |  |       | 24   | 220         |                                      |            |  |        | 56.83  | 1.80   |  |             | 28                                   | 189    | 48.95                                | 2.1    | 30   | 178         | 46.04  | 2.2         | 23   | 225               | 58.60  | 0.90       | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                     | 4P   | 1.7  | 3680        | 793  | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P         | 27   | 192               | 49.79  | 1.05        | 31                                   | 172   | 44.46  | 1.15       |                                      |             | 36   | 147         | 37.97                                | 1.35  |  |      | 38   | 137        | 35.57                                | 1.45        | 45   | 116  | 29.96                                | 1.75        |                                      |            | 47   | 111         | 28.83             | 1.80  |  |      |  |             | 54            | 97          |                                      |       |  |      |                                      |             |  |             | 24.99             | 2.1         |  |      |  |       |  |             | 58                                   | 90    | 23.36                                | 2.2   | 67   | 78   | 20.19     | 2.4         | 79   | 66          | 17.15  | 2.7        |                                      |             | 89   | 59   | 15.32  | 3.0         | 104  | 51   |                                      |             | 13.08      | 3.3         |  |      |  |             |  |            |                                      |       | 112    | 47          | 12.14  | 3.4               |  |       |                                      |             |  |             | 130       | 41    |  |             |                                      |            | 10.49                                | 4.0  | 153  | 34   | 8.91          | 4.7         | 171  | 31   |  |       | 7.96  | 5.1        | 200                                  | 26          | 6.80   | 5.7  | 214           | 25    | 6.37   | 5.9  | 254           | 21          |  |             | 5.36                                 | 6.8         | <b>0.75KW</b>  |             |                                      |       |  |      |  |       |                                      |             | 1.9  | 3370 | 726        | 0.80  |  |       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11              | 58400       |  |             | 13116      | 0.85   | 0.12      | 51500             | 11647         | 0.95        | AK187 AR97 | 0.19       | 32800      | 7343        | 1.50  | AKA187 AR97 | 0.20       | 30000       |  |      | 6747      | 1.65        | 0.23       | 26500 | 5991   | 1.90       | 3.8    | 1720        | 367           | 0.90   | 4.2        | 1540 | 328        | 1.00        | AK77 AR37     | 4.8               | 1360          | 290         |  |      | 1.15          | AKF77 AR37 | 5.5    | 1180 | 252  | 1.30              | AKA77 AR37   | 6.2    |  |       |  |             | 1030   | 221               | 1.50              | AKAF77 AR37 | 3.9           | 1830  | 176.05 | 2.3  | AK 97         | 8P          | 4.5           | 1590              | 153.21   | 2.7         | AKF 97   | 4.9   | 1460   | 140.28 | 3.0  | AKA 97<br>AKAF 97 |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 16                   | 330                 | 85.12     | 1.20                |                                      |            | 18                                   | 290                 |                                      |                     | 75.20  | 1.40              |  |        |  |             | 19   | 270    | 69.84                                | 1.50   |                                      |            | 21   | 245    | 63.30  | 1.65        |  |                   |  |  | 24                                   | 220         |  |  |  |             | 56.83                                | 1.80        |                                      |            |  |       | 28   | 189         |                                      |            |  |        | 48.95  | 2.1    |  |             | 30                                   | 178    | 46.04                                | 2.2    | 23   | 225         | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                     | 4P                | 1.7  | 3680       |  |      | 793  | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P    |  |            | 27   | 192               | 49.79  | 1.05        | 31                                   | 172   | 44.46  | 1.15       |                                      |             | 36   | 147         | 37.97                                | 1.35  |  |      | 38   | 137        | 35.57                                | 1.45        | 45   | 116  | 29.96                                | 1.75        |                                      |            | 47   | 111         | 28.83             | 1.80  |  |      |  |             | 54            | 97          |                                      |       |  |      |                                      |             |  |             | 24.99             | 2.1         |  |      |  |       |  |             | 58                                   | 90    | 23.36                                | 2.2   | 67   | 78   | 20.19     | 2.4         | 79   | 66          | 17.15  | 2.7        |                                      |             | 89   | 59   | 15.32  | 3.0         | 104  | 51   |                                      |             | 13.08      | 3.3         |  |      |  |             |  |            |                                      |       | 112    | 47          | 12.14  | 3.4               |  |       |                                      |             |  |             | 130       | 41    |  |             |                                      |            | 10.49                                | 4.0  | 153  | 34   | 8.91          | 4.7         | 171  | 31   |  |       | 7.96  | 5.1        | 200                                  | 26          | 6.80   | 5.7  | 214           | 25    | 6.37   | 5.9  | 254           | 21          | 5.36   | 6.8         | <b>0.75KW</b>                        |             |  |             |                                      |       | 1.9  | 3370 | 726  | 0.80  |                                      |             | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11       | 58400 |  |       |  |      | 13116             | 0.85        |  |             | 0.12       | 51500  | 11647     | 0.95              | AK187 AR97    | 0.19        | 32800      | 7343       | 1.50       | AKA187 AR97 | 0.20  | 30000       | 6747       | 1.65        |  |      | 0.23      | 26500       | 5991       | 1.90  | 3.8    | 1720       | 367    | 0.90        | 4.2           | 1540   | 328        | 1.00 | AK77 AR37  | 4.8         | 1360          | 290               | 1.15          | AKF77 AR37  |  |      | 5.5           | 1180       | 252    | 1.30 | AKA77 AR37   | 6.2               | 1030   | 221    |  |       | 1.50   | AKAF77 AR37 | 3.9    | 1830              | 176.05            | 2.3         | AK 97         | 8P    | 4.5    | 1590 | 153.21        |             | 2.7           | AKF 97            | 4.9  | 1460        | 140.28   | 3.0   | AKA 97<br>AKAF 97                                    |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 18                   | 290                 | 75.20     | 1.40                |                                      |            | 19                                   | 270                 |                                      |                     | 69.84  | 1.50              |  |        |  |             | 21   | 245    | 63.30                                | 1.65   |                                      |            | 24   | 220    | 56.83  | 1.80        |  |                   |  |  | 28                                   | 189         |  |  |  |             | 48.95                                | 2.1         |                                      |            |  |       | 30   | 178         | 46.04                                | 2.2        |  |        | 23   | 225    | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P     | 1.7                                  | 3680   | 793  | 2.2         | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          |  |                   | 27   | 192        |  |      | 49.79  | 1.05        |  |       |  |            | 31   | 172               | 44.46  | 1.15        | 36                                   | 147   | 37.97  | 1.35       |                                      |             | 38   | 137         | 35.57                                | 1.45  |  |      | 45   | 116        | 29.96                                | 1.75        | 47   | 111  | 28.83                                | 1.80        |                                      |            | 54   | 97          | 24.99             | 2.1   |  |      |  |             | 58            | 90          |                                      |       |  |      |                                      |             |  |             | 23.36             | 2.2         |  |      |  |       |  |             | 67                                   | 78    | 20.19                                | 2.4   | 79   | 66   | 17.15     | 2.7         | 89   | 59          | 15.32  | 3.0        |                                      |             | 104  | 51   | 13.08  | 3.3         | 112  | 47   |                                      |             | 12.14      | 3.4         |  |      |  |             |  |            |                                      |       | 130    | 41          | 10.49  | 4.0               |  |       |                                      |             |  |             | 153       | 34    |  |             |                                      |            | 8.91                                 | 4.7  | 171  | 31   | 7.96          | 5.1         | 200  | 26   |  |       | 6.80  | 5.7        | 214                                  | 25          | 6.37   | 5.9  | 254           | 21    | 5.36   | 6.8  | <b>0.75KW</b> |             |  |             |                                      |             | 1.9  | 3370        | 726                                  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11   | 58400 |                                      |             |  |      | 13116      | 0.85  | 0.12   | 51500 |  |      | 11647             | 0.95        |  |             | AK187 AR97 | 0.19   | 32800     | 7343              | 1.50          | AKA187 AR97 | 0.20       | 30000      | 6747       | 1.65        | 0.23  | 26500       | 5991       | 1.90        |  |      | 3.8       | 1720        | 367        | 0.90  | 4.2    | 1540       | 328    | 1.00        | AK77 AR37     | 4.8    | 1360       | 290  | 1.15       | AKF77 AR37  | 5.5           | 1180              | 252           | 1.30        |  |      | AKA77 AR37    | 6.2        | 1030   | 221  | 1.50   | AKAF77 AR37       | 3.9  | 1830   | 176.05   | 2.3   | AK 97  | 8P          | 4.5    | 1590              | 153.21            | 2.7         | AKF 97        |       | 4.9    | 1460 | 140.28        |             | 3.0           | AKA 97<br>AKAF 97 |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 19                   | 270                 | 69.84     | 1.50                |                                      |            | 21                                   | 245                 |                                      |                     | 63.30  | 1.65              |  |        |  |             | 24   | 220    | 56.83                                | 1.80   |                                      |            | 28   | 189    | 48.95  | 2.1         |  |                   |  |  | 30                                   | 178         |  |  |  |             | 46.04                                | 2.2         | 23                                   | 225        |  |       | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P         | 1.7  | 3680   | 793  | 2.2    | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          |                                      |        | 27                                   | 192    | 49.79  | 1.05        |  |             |  |                   | 31   | 172        |  |      | 44.46  | 1.15        |  |       |  |            | 36   | 147               | 37.97  | 1.35        | 38                                   | 137   | 35.57  | 1.45       |                                      |             | 45   | 116         | 29.96                                | 1.75  |  |      | 47   | 111        | 28.83                                | 1.80        | 54   | 97   | 24.99                                | 2.1         |                                      |            | 58   | 90          | 23.36             | 2.2   |  |      |  |             | 67            | 78          |                                      |       |  |      |                                      |             |  |             | 20.19             | 2.4         |  |      |  |       |  |             | 79                                   | 66    | 17.15                                | 2.7   | 89   | 59   | 15.32     | 3.0         | 104  | 51          | 13.08  | 3.3        |                                      |             | 112  | 47   | 12.14  | 3.4         | 130  | 41   |                                      |             | 10.49      | 4.0         |  |      |  |             |  |            |                                      |       | 153    | 34          | 8.91   | 4.7               |  |       |                                      |             |  |             | 171       | 31    |  |             |                                      |            | 7.96                                 | 5.1  | 200  | 26   | 6.80          | 5.7         | 214  | 25   |  |       | 6.37  | 5.9        | 254                                  | 21          | 5.36   | 6.8  | <b>0.75KW</b> |       |  |      |               |             | 1.9  | 3370        | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11                                 | 58400 |  |      | 13116  | 0.85  | 0.12                                 | 51500       |  |      | 11647      | 0.95  | AK187 AR97   | 0.19  |  |      | 32800             | 7343        | 1.50   | AKA187 AR97 | 0.20       | 30000  | 6747      | 1.65              | 0.23          | 26500       | 5991       | 1.90       | 3.8        | 1720        | 367   | 0.90        | 4.2        | 1540        |  |      | 328       | 1.00        | AK77 AR37  | 4.8   | 1360   | 290        | 1.15   | AKF77 AR37  | 5.5           | 1180   | 252        | 1.30 | AKA77 AR37 | 6.2         | 1030          | 221               | 1.50          | AKAF77 AR37 | 3.9  | 1830 | 176.05        | 2.3        | AK 97  | 8P   | 4.5  | 1590              | 153.21   | 2.7    | AKF 97   | 4.9   | 1460   |             | 140.28 | 3.0               | AKA 97<br>AKAF 97 |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 21                   | 245                 | 63.30     | 1.65                |                                      |            | 24                                   | 220                 |                                      |                     | 56.83  | 1.80              |  |        |  |             | 28   | 189    | 48.95                                | 2.1  |                                      |            | 30   | 178    | 46.04  | 2.2         |  |                   |  |  | 23                                   | 225         | 58.60  | 0.90   |  |             | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P          | 1.7                                  | 3680       | 793  | 2.2   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P          |                                      |            | 27   | 192    | 49.79  | 1.05   |  |             |                                      |        | 31                                   | 172    | 44.46  | 1.15        |  |             |  |                   | 36   | 147        |  |      | 37.97  | 1.35        |  |       |  |            | 38   | 137               | 35.57  | 1.45        | 45                                   | 116   | 29.96  | 1.75       |                                      |             | 47   | 111         | 28.83                                | 1.80  |  |      | 54   | 97         | 24.99                                | 2.1         | 58   | 90   | 23.36                                | 2.2         |                                      |            | 67   | 78          | 20.19             | 2.4   |  |      |  |             | 79            | 66          |                                      |       |  |      |                                      |             |  |             | 17.15             | 2.7         |  |      |  |       |  |             | 89                                   | 59    | 15.32                                | 3.0   | 104  | 51   | 13.08     | 3.3         | 112  | 47          | 12.14  | 3.4        |                                      |             | 130  | 41   | 10.49  | 4.0         | 153  | 34   |                                      |             | 8.91       | 4.7         |  |      |  |             |  |            |                                      |       | 171    | 31          | 7.96   | 5.1               |  |       |                                      |             |  |             | 200       | 26    |  |             |                                      |            | 6.80                                 | 5.7  | 214  | 25   | 6.37          | 5.9         | 254  | 21   |  |       | 5.36  | 6.8        | <b>0.75KW</b>                        |             |  |      |               |       | 1.9  | 3370 | 726           | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11                                 | 58400       |  |             | 13116                                | 0.85  |  |      | 0.12   | 51500 | 11647                                | 0.95        |  |      | AK187 AR97 | 0.19  | 32800  | 7343  |  |      | 1.50              | AKA187 AR97 | 0.20   | 30000       | 6747       | 1.65   | 0.23      | 26500             | 5991          | 1.90        | 3.8        | 1720       | 367        | 0.90        | 4.2   | 1540        | 328        | 1.00        |  |      | AK77 AR37 | 4.8         | 1360       | 290   | 1.15   | AKF77 AR37 | 5.5    | 1180        | 252           | 1.30   | AKA77 AR37 | 6.2  | 1030       | 221         | 1.50          | AKAF77 AR37       | 3.9           | 1830        | 176.05   | 2.3  | AK 97         | 8P         | 4.5    |      | 1590   | 153.21            | 2.7  | AKF 97 | 4.9  | 1460  | 140.28   |             | 3.0    | AKA 97<br>AKAF 97 |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 24                   | 220                 | 56.83     | 1.80                |                                      |            | 28                                   | 189                 |                                      |                     | 48.95  | 2.1               |  |        |  |             | 30   | 178    | 46.04                                | 2.2  |                                      |            | 23   | 225    | 58.60  | 0.90        | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                     | 4P                |  |  | 1.7                                  | 3680        | 793  | 2.2  | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          |                                      |             | 27                                   | 192        | 49.79  | 1.05  |  |             |                                      |            | 31   | 172    | 44.46  | 1.15   |  |             |                                      |        | 36                                   | 147    | 37.97  | 1.35        |  |             |  |                   | 38   | 137        |  |      | 35.57  | 1.45        |  |       |  |            | 45   | 116               | 29.96  | 1.75        | 47                                   | 111   | 28.83  | 1.80       |                                      |             | 54   | 97          | 24.99                                | 2.1   |  |      | 58   | 90         | 23.36                                | 2.2         | 67   | 78   | 20.19                                | 2.4         |                                      |            | 79   | 66          | 17.15             | 2.7   |  |      |  |             | 89            | 59          |                                      |       |  |      |                                      |             |  |             | 15.32             | 3.0         |  |      |  |       |  |             | 104                                  | 51    | 13.08                                | 3.3   | 112  | 47   | 12.14     | 3.4         | 130  | 41          | 10.49  | 4.0        |                                      |             | 153  | 34   | 8.91   | 4.7         | 171  | 31   |                                      |             | 7.96       | 5.1         |  |      |  |             |  |            |                                      |       | 200    | 26          | 6.80   | 5.7               |  |       |                                      |             |  |             | 214       | 25    |  |             | 6.37                                 | 5.9        | 254                                  | 21   | 5.36   | 6.8  | <b>0.75KW</b> |             |  |      |  |       | 1.9   | 3370       | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11          | 58400 | 13116  | 0.85 | 0.12          | 51500       |  |             | 11647                                | 0.95        |  |             | AK187 AR97                           | 0.19  |  |      | 32800  | 7343  | 1.50                                 | AKA187 AR97 |  |      | 0.20       | 30000 | 6747   | 1.65  |  |      | 0.23              | 26500       | 5991   | 1.90        | 3.8        | 1720   | 367       | 0.90              | 4.2           | 1540        | 328        | 1.00       | AK77 AR37  | 4.8         | 1360  | 290         | 1.15       | AKF77 AR37  | 5.5  | 1180 | 252       | 1.30        | AKA77 AR37 | 6.2   | 1030   | 221        | 1.50   | AKAF77 AR37 | 3.9           | 1830   | 176.05     | 2.3  | AK 97      | 8P          | 4.5           | 1590              | 153.21        | 2.7         | AKF 97   | 4.9  | 1460          |            | 140.28 |      | 3.0  | AKA 97<br>AKAF 97 |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 28                   | 189                 | 48.95     | 2.1                 |                                      |            | 30                                   | 178                 |                                      |                     | 46.04  | 2.2               |  |        |  |             | 23   | 225    | 58.60                                | 0.90   | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P         | 1.7  | 3680   | 793  | 2.2         |  |                   | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P   | 27                                   | 192         | 49.79  | 1.05   |  |             |                                      |             | 31                                   | 172        | 44.46  | 1.15  |  |             |                                      |            | 36   | 147    | 37.97  | 1.35   |  |             |                                      |        | 38                                   | 137    | 35.57  | 1.45        |  |             |  |                   | 45   | 116        |  |      | 29.96  | 1.75        |  |       |  |            | 47   | 111               | 28.83  | 1.80        | 54                                   | 97    | 24.99  | 2.1        |                                      |             | 58   | 90          | 23.36                                | 2.2   |  |      | 67   | 78         | 20.19                                | 2.4         | 79   | 66   | 17.15                                | 2.7         |                                      |            | 89   | 59          | 15.32             | 3.0   |  |      |  |             | 104           | 51          |                                      |       |  |      |                                      |             |  |             | 13.08             | 3.3         |  |      |  |       |  |             | 112                                  | 47    | 12.14                                | 3.4   | 130  | 41   | 10.49     | 4.0         | 153  | 34          | 8.91   | 4.7        |                                      |             | 171  | 31   | 7.96   | 5.1         | 200  | 26   |                                      |             | 6.80       | 5.7         |  |      |  |             |  |            |                                      |       | 214    | 25          | 6.37   | 5.9               |  |       | 254                                  | 21          |  |             | 5.36      | 6.8   | <b>0.75KW</b>  |             |                                      |            |                                      |      | 1.9  | 3370 | 726           | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11   | 58400 | 13116 | 0.85       | 0.12                                 | 51500       |  |      | 11647         | 0.95  | AK187 AR97   | 0.19 | 32800         | 7343        |  |             | 1.50                                 | AKA187 AR97 |  |             | 0.20                                 | 30000 |  |      | 6747   | 1.65  | 0.23                                 | 26500       |  |      | 5991       | 1.90  | 3.8  | 1720  |  |      | 367               | 0.90        | 4.2  | 1540        | 328        | 1.00   | AK77 AR37 | 4.8               | 1360          | 290         | 1.15       | AKF77 AR37 | 5.5        | 1180        | 252   | 1.30        | AKA77 AR37 | 6.2         | 1030   | 221  | 1.50      | AKAF77 AR37 | 3.9        | 1830  | 176.05 | 2.3        | AK 97  | 8P          | 4.5           | 1590   | 153.21     | 2.7  | AKF 97     |             | 4.9           | 1460              | 140.28        | 3.0         | AKA 97<br>AKAF 97                                    |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 30                   | 178                 | 46.04     | 2.2                 |                                      |            | 23                                   | 225                 |                                      |                     | 58.60  | 0.90              |  |        |  |             | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37                 | 4P     | 1.7                                  | 3680   |                                      |            | 793  | 2.2    | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          |  |                   |  |  | 27                                   | 192         | 49.79  | 1.05   |  |             |                                      |             | 31                                   | 172        | 44.46  | 1.15  |  |             |                                      |            | 36   | 147    | 37.97  | 1.35   |  |             |                                      |        | 38                                   | 137    | 35.57  | 1.45        |  |             |  |                   | 45   | 116        |  |      | 29.96  | 1.75        |  |       |  |            | 47   | 111               | 28.83  | 1.80        | 54                                   | 97    | 24.99  | 2.1        |                                      |             | 58   | 90          | 23.36                                | 2.2   |  |      | 67   | 78         | 20.19                                | 2.4         | 79   | 66   | 17.15                                | 2.7         |                                      |            | 89   | 59          | 15.32             | 3.0   |  |      |  |             | 104           | 51          |                                      |       |  |      |                                      |             |  |             | 13.08             | 3.3         |  |      |  |       |  |             | 112                                  | 47    | 12.14                                | 3.4   | 130  | 41   | 10.49     | 4.0         | 153  | 34          | 8.91   | 4.7        |                                      |             | 171  | 31   | 7.96   | 5.1         | 200  | 26   |                                      |             | 6.80       | 5.7         |  |      |  |             |  |            | 214                                  | 25    | 6.37   | 5.9         | 254  | 21                |  |       | 5.36                                 | 6.8         | <b>0.75KW</b>  |             |           |       |  |             | 1.9                                  | 3370       | 726                                  | 0.80 | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11          | 58400       |  |      | 13116  | 0.85  | 0.12  | 51500      | 11647                                | 0.95        |  |      | AK187 AR97    | 0.19  | 32800  | 7343 | 1.50          | AKA187 AR97 |  |             | 0.20                                 | 30000       |  |             | 6747                                 | 1.65  |  |      | 0.23   | 26500 | 5991                                 | 1.90        |  |      | 3.8        | 1720  | 367  | 0.90  | 4.2  | 1540 | 328               | 1.00        | AK77 AR37  | 4.8         | 1360       | 290    | 1.15      | AKF77 AR37        | 5.5           | 1180        | 252        | 1.30       | AKA77 AR37 | 6.2         | 1030  | 221         | 1.50       | AKAF77 AR37 | 3.9  | 1830 | 176.05    | 2.3         | AK 97      | 8P    | 4.5    | 1590       | 153.21 |             | 2.7           | AKF 97 | 4.9        | 1460 | 140.28     |             | 3.0           | AKA 97<br>AKAF 97 |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 23                   | 225                 | 58.60     | 0.90                |                                      |            | AK 37<br>AKF 37<br>AKA 37<br>AKAF 37 | 4P                  | 1.7                                  | 3680                | 793  | 2.2               |  |        | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57     | 4P          |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 27                   | 192                 | 49.79     | 1.05                | 31                                   | 172        |                                      |                     | 44.46                                | 1.15                | 36   | 147               | 37.97  | 1.35   |  |             |  |        | 38                                   | 137  |                                      |            | 35.57  | 1.45   |  |             |  |                   |  |  | 45                                   | 116         | 29.96  | 1.75   |  |             |                                      |             | 47                                   | 111        | 28.83  | 1.80  |  |             |                                      |            | 54   | 97     | 24.99  | 2.1    |  |             |                                      |        | 58                                   | 90     | 23.36  | 2.2         |  |             |  |                   | 67   | 78         |  |      | 20.19  | 2.4         |  |       |  |            | 79   | 66                | 17.15  | 2.7         | 89                                   | 59    | 15.32  | 3.0        |                                      |             | 104  | 51          | 13.08                                | 3.3   |  |      | 112  | 47         | 12.14                                | 3.4         | 130  | 41   | 10.49                                | 4.0         |                                      |            | 153  | 34          | 8.91              | 4.7   |  |      |  |             | 171           | 31          |                                      |       |  |      |                                      |             |  |             | 7.96              | 5.1         |  |      |  |       |  |             | 200                                  | 26    | 6.80                                 | 5.7   | 214  | 25   | 6.37      | 5.9         | 254  | 21          | 5.36   | 6.8        |                                      |             | <b>0.75KW</b>  |      |  |             |  |      | 1.9                                  | 3370        | 726        | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   |  |             | 0.11   | 58400      | 13116                                | 0.85  | 0.12   | 51500       | 11647  | 0.95              | AK187 AR97   | 0.19  | 32800                                | 7343        | 1.50   | AKA187 AR97 | 0.20      | 30000 | 6747   | 1.65        | 0.23                                 | 26500      | 5991                                 | 1.90 |  |      | 3.8           | 1720        |  |      | 367  | 0.90  | 4.2   | 1540       | 328                                  | 1.00        |  |      | AK77 AR37     | 4.8   | 1360   | 290  | 1.15          | AKF77 AR37  |  |             | 5.5                                  | 1180        |  |             | 252                                  | 1.30  | AKA77 AR37   | 6.2  | 1030   | 221   | 1.50                                 | AKAF77 AR37 | 3.9  | 1830 | 176.05     | 2.3   | AK 97  | 8P    | 4.5  | 1590 | 153.21            | 2.7         | AKF 97   | 4.9         | 1460       | 140.28 | 3.0       | AKA 97<br>AKAF 97 |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 31                   | 172                 | 44.46     | 1.15                | 36                                   | 147        |                                      |                     | 37.97                                | 1.35                | 38   | 137               | 35.57  | 1.45   |  |             |  |        | 45                                   | 116  |                                      |            | 29.96  | 1.75   |  |             |  |                   |  |  | 47                                   | 111         | 28.83  | 1.80   |  |             |                                      |             | 54                                   | 97         | 24.99  | 2.1   |  |             |                                      |            | 58   | 90     | 23.36  | 2.2    |  |             |                                      |        | 67                                   | 78     | 20.19  | 2.4         |  |             |  |                   | 79   | 66         |  |      | 17.15  | 2.7         |  |       |  |            | 89   | 59                | 15.32  | 3.0         | 104                                  | 51    | 13.08  | 3.3        |                                      |             | 112  | 47          | 12.14                                | 3.4   |  |      | 130  | 41         | 10.49                                | 4.0         | 153  | 34   | 8.91                                 | 4.7         |                                      |            | 171  | 31          | 7.96              | 5.1   |  |      |  |             | 200           | 26          |                                      |       |  |      |                                      |             |  |             | 6.80              | 5.7         |  |      |  |       |  |             | 214                                  | 25    | 6.37                                 | 5.9   | 254  | 21   | 5.36      | 6.8         | <b>0.75KW</b>  |             |  |            |                                      |             | 1.9  | 3370 | 726  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P   | 0.11                                 | 58400       | 13116      | 0.85        |  |      | 0.12   | 51500       | 11647  | 0.95       | AK187 AR97                           | 0.19  | 32800  | 7343        | 1.50   | AKA187 AR97       | 0.20   | 30000 | 6747                                 | 1.65        | 0.23   | 26500       | 5991      | 1.90  | 3.8  | 1720        | 367                                  | 0.90       | 4.2                                  | 1540 |  |      | 328           | 1.00        |  |      | AK77 AR37  | 4.8   | 1360  | 290        | 1.15                                 | AKF77 AR37  |  |      | 5.5           | 1180  | 252  | 1.30 | AKA77 AR37    | 6.2         |  |             | 1030                                 | 221         | 1.50   | AKAF77 AR37 | 3.9                                  | 1830  | 176.05   | 2.3  | AK 97  | 8P    | 4.5                                  | 1590        | 153.21   | 2.7  | AKF 97     | 4.9   | 1460   |       | 140.28   | 3.0  | AKA 97<br>AKAF 97 |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 36                   | 147                 | 37.97     | 1.35                | 38                                   | 137        |                                      |                     | 35.57                                | 1.45                | 45   | 116               | 29.96  | 1.75   |  |             |  |        | 47                                   | 111  |                                      |            | 28.83  | 1.80   |  |             |  |                   |  |  | 54                                   | 97          | 24.99  | 2.1  |  |             |                                      |             | 58                                   | 90         | 23.36  | 2.2   |  |             |                                      |            | 67   | 78     | 20.19  | 2.4    |  |             |                                      |        | 79                                   | 66     | 17.15  | 2.7         |  |             |  |                   | 89   | 59         |  |      | 15.32  | 3.0         |  |       |  |            | 104  | 51                | 13.08  | 3.3         | 112                                  | 47    | 12.14  | 3.4        |                                      |             | 130  | 41          | 10.49                                | 4.0   |  |      | 153  | 34         | 8.91                                 | 4.7         | 171  | 31   | 7.96                                 | 5.1         |                                      |            | 200  | 26          | 6.80              | 5.7   |  |      |  |             | 214           | 25          |                                      |       |  |      |                                      |             |  |             | 6.37              | 5.9         |  |      |  |       |  |             | 254                                  | 21    | 5.36                                 | 6.8   | <b>0.75KW</b>  |      |           |             |  |             | 1.9  | 3370       | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P   | 0.11   | 58400       |  |      | 13116                                | 0.85        | 0.12       | 51500       |  |      | 11647  | 0.95        | AK187 AR97   | 0.19       | 32800                                | 7343  | 1.50   | AKA187 AR97 | 0.20   | 30000             | 6747   | 1.65  | 0.23                                 | 26500       | 5991   | 1.90        | 3.8       | 1720  | 367  | 0.90        | 4.2                                  | 1540       | 328                                  | 1.00 |  |      | AK77 AR37     | 4.8         |  |      | 1360   | 290   | 1.15  | AKF77 AR37 | 5.5                                  | 1180        |  |      | 252           | 1.30  | AKA77 AR37   | 6.2  | 1030          | 221         | 1.50   | AKAF77 AR37 | 3.9                                  | 1830        | 176.05   | 2.3         | AK 97                                | 8P    | 4.5  | 1590 | 153.21   |       | 2.7                                  | AKF 97      | 4.9  | 1460 | 140.28     | 3.0   | AKA 97<br>AKAF 97                                    |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 38                   | 137                 | 35.57     | 1.45                | 45                                   | 116        |                                      |                     | 29.96                                | 1.75                | 47   | 111               | 28.83  | 1.80   |  |             |  |        | 54                                   | 97   |                                      |            | 24.99  | 2.1    |  |             |  |                   |  |  | 58                                   | 90          | 23.36  | 2.2  |  |             |                                      |             | 67                                   | 78         | 20.19  | 2.4   |  |             |                                      |            | 79   | 66     | 17.15  | 2.7    |  |             |                                      |        | 89                                   | 59     | 15.32  | 3.0         |  |             |  |                   | 104  | 51         |  |      | 13.08  | 3.3         |  |       |  |            | 112  | 47                | 12.14  | 3.4         | 130                                  | 41    | 10.49  | 4.0        |                                      |             | 153  | 34          | 8.91                                 | 4.7   |  |      | 171  | 31         | 7.96                                 | 5.1         | 200  | 26   | 6.80                                 | 5.7         |                                      |            | 214  | 25          | 6.37              | 5.9   |  |      |  |             | 254           | 21          |                                      |       |  |      | 5.36                                 | 6.8         |  |             | <b>0.75KW</b>     |             |  |      |  |       |  |             | 1.9                                  | 3370  | 726                                  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11      | 58400       | 13116  | 0.85        | 0.12   | 51500      | 11647                                | 0.95        |  |      | AK187 AR97   | 0.19        |  |      | 32800                                | 7343        | 1.50       | AKA187 AR97 |  |      | 0.20   | 30000       | 6747   | 1.65       | 0.23                                 | 26500 | 5991   | 1.90        | 3.8  | 1720              | 367  | 0.90  | 4.2                                  | 1540        | 328  | 1.00        | AK77 AR37 | 4.8   | 1360   | 290         | 1.15                                 | AKF77 AR37 | 5.5                                  | 1180 |  |      | 252           | 1.30        |  |      | AKA77 AR37   | 6.2   | 1030  | 221        | 1.50                                 | AKAF77 AR37 | 3.9  | 1830 | 176.05        | 2.3   | AK 97  | 8P   | 4.5           | 1590        | 153.21   | 2.7         | AKF 97                               | 4.9         | 1460   | 140.28      | 3.0                                  |       | AKA 97<br>AKAF 97                                    |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 45                   | 116                 | 29.96     | 1.75                | 47                                   | 111        |                                      |                     | 28.83                                | 1.80                | 54   | 97                | 24.99  | 2.1    |  |             |  |        | 58                                   | 90   |                                      |            | 23.36  | 2.2    |  |             |  |                   |  |  | 67                                   | 78          | 20.19  | 2.4  |  |             |                                      |             | 79                                   | 66         | 17.15  | 2.7   |  |             |                                      |            | 89   | 59     | 15.32  | 3.0    |  |             |                                      |        | 104                                  | 51     | 13.08  | 3.3         |  |             |  |                   | 112  | 47         |  |      | 12.14  | 3.4         |  |       |  |            | 130  | 41                | 10.49  | 4.0         | 153                                  | 34    | 8.91   | 4.7        |                                      |             | 171  | 31          | 7.96                                 | 5.1   |  |      | 200  | 26         | 6.80                                 | 5.7         | 214  | 25   | 6.37                                 | 5.9         |                                      |            | 254  | 21          | 5.36              | 6.8   |  |      |  |             | <b>0.75KW</b> |             |                                      |       |  |      | 1.9                                  | 3370        |  |             | 726               | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11   | 58400 |  |             | 13116                                | 0.85  | 0.12                                 | 51500 |  |      | 11647     | 0.95        | AK187 AR97   | 0.19        | 32800  | 7343       | 1.50                                 | AKA187 AR97 |  |      | 0.20   | 30000       |  |      | 6747                                 | 1.65        | 0.23       | 26500       |  |      | 5991   | 1.90        | 3.8  | 1720       | 367                                  | 0.90  | 4.2    | 1540        | 328  | 1.00              | AK77 AR37  | 4.8   | 1360                                 | 290         | 1.15   | AKF77 AR37  | 5.5       | 1180  | 252  | 1.30        | AKA77 AR37                           | 6.2        | 1030                                 | 221  |  |      | 1.50          | AKAF77 AR37 | 3.9  | 1830 | 176.05   | 2.3   | AK 97 | 8P         | 4.5                                  | 1590        | 153.21   | 2.7  | AKF 97        | 4.9   | 1460   |      | 140.28        | 3.0         | AKA 97<br>AKAF 97                                    |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 47                   | 111                 | 28.83     | 1.80                | 54                                   | 97         |                                      |                     | 24.99                                | 2.1                 | 58   | 90                | 23.36  | 2.2    |  |             |  |        | 67                                   | 78   |                                      |            | 20.19  | 2.4    |  |             |  |                   |  |  | 79                                   | 66          | 17.15  | 2.7  |  |             |                                      |             | 89                                   | 59         | 15.32  | 3.0   |  |             |                                      |            | 104  | 51     | 13.08  | 3.3    |  |             |                                      |        | 112                                  | 47     | 12.14  | 3.4         |  |             |  |                   | 130  | 41         |  |      | 10.49  | 4.0         |  |       |  |            | 153  | 34                | 8.91   | 4.7         | 171                                  | 31    | 7.96   | 5.1        |                                      |             | 200  | 26          | 6.80                                 | 5.7   |  |      | 214  | 25         | 6.37                                 | 5.9         | 254  | 21   | 5.36                                 | 6.8         |                                      |            | <b>0.75KW</b>  |             |                   |       |  |      |  |             | 1.9           | 3370        | 726                                  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11                                 | 58400       |  |             | 13116             | 0.85        |  |      | 0.12   | 51500 | 11647  | 0.95        | AK187 AR97                           | 0.19  | 32800                                | 7343  |  |      | 1.50      | AKA187 AR97 | 0.20   | 30000       | 6747   | 1.65       | 0.23                                 | 26500       |  |      | 5991   | 1.90        |  |      | 3.8                                  | 1720        | 367        | 0.90        |  |      | 4.2  | 1540        | 328  | 1.00       | AK77 AR37                            | 4.8   | 1360   | 290         | 1.15   | AKF77 AR37        | 5.5  | 1180  | 252                                  | 1.30        | AKA77 AR37   | 6.2         | 1030      | 221   | 1.50   | AKAF77 AR37 | 3.9                                  | 1830       | 176.05                               | 2.3  | AK 97  | 8P   | 4.5           | 1590        | 153.21   | 2.7  | AKF 97   | 4.9   | 1460  |            | 140.28                               | 3.0         | AKA 97<br>AKAF 97                                    |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 54                   | 97                  | 24.99     | 2.1                 | 58                                   | 90         |                                      |                     | 23.36                                | 2.2                 | 67   | 78                | 20.19  | 2.4    |  |             |  |        | 79                                   | 66   |                                      |            | 17.15  | 2.7    |  |             |  |                   |  |  | 89                                   | 59          | 15.32  | 3.0  |  |             |                                      |             | 104                                  | 51         | 13.08  | 3.3   |  |             |                                      |            | 112  | 47     | 12.14  | 3.4    |  |             |                                      |        | 130                                  | 41     | 10.49  | 4.0         |  |             |  |                   | 153  | 34         |  |      | 8.91   | 4.7         |  |       |  |            | 171  | 31                | 7.96   | 5.1         | 200                                  | 26    | 6.80   | 5.7        |                                      |             | 214  | 25          | 6.37                                 | 5.9   |  |      | 254  | 21         | 5.36                                 | 6.8         | <b>0.75KW</b>  |      |                                      |             |                                      |            | 1.9  | 3370        | 726               | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   |  |             | 0.11          | 58400       | 13116                                | 0.85  |  |      | 0.12                                 | 51500       | 11647  | 0.95        | AK187 AR97        | 0.19        |  |      | 32800  | 7343  | 1.50   | AKA187 AR97 | 0.20                                 | 30000 | 6747                                 | 1.65  |  |      | 0.23      | 26500       | 5991   | 1.90        | 3.8  | 1720       | 367                                  | 0.90        |  |      | 4.2  | 1540        |  |      | 328                                  | 1.00        | AK77 AR37  | 4.8         |  |      | 1360   | 290         | 1.15   | AKF77 AR37 | 5.5                                  | 1180  | 252    | 1.30        | AKA77 AR37   | 6.2               | 1030   | 221   | 1.50                                 | AKAF77 AR37 | 3.9  | 1830        | 176.05    | 2.3   | AK 97  | 8P          | 4.5                                  | 1590       | 153.21                               | 2.7  | AKF 97   |      | 4.9           | 1460        | 140.28   | 3.0  | AKA 97<br>AKAF 97                                    |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 58                   | 90                  | 23.36     | 2.2                 | 67                                   | 78         |                                      |                     | 20.19                                | 2.4                 | 79   | 66                | 17.15  | 2.7    |  |             |  |        | 89                                   | 59   |                                      |            | 15.32  | 3.0    |  |             |  |                   |  |  | 104                                  | 51          | 13.08  | 3.3  |  |             |                                      |             | 112                                  | 47         | 12.14  | 3.4   |  |             |                                      |            | 130  | 41     | 10.49  | 4.0    |  |             |                                      |        | 153                                  | 34     | 8.91   | 4.7         |  |             |  |                   | 171  | 31         |  |      | 7.96   | 5.1         |  |       |  |            | 200  | 26                | 6.80   | 5.7         | 214                                  | 25    | 6.37   | 5.9        |                                      |             | 254  | 21          | 5.36                                 | 6.8   |  |      | <b>0.75KW</b>  |            |                                      |             |  |      | 1.9                                  | 3370        | 726                                  | 0.80       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P          | 0.11              | 58400 |  |      | 13116  | 0.85        | 0.12          | 51500       | 11647                                | 0.95  |  |      | AK187 AR97                           | 0.19        | 32800  | 7343        | 1.50              | AKA187 AR97 |  |      | 0.20   | 30000 | 6747   | 1.65        | 0.23                                 | 26500 | 5991                                 | 1.90  |  |      | 3.8       | 1720        | 367  | 0.90        | 4.2  | 1540       | 328                                  | 1.00        |  |      | AK77 AR37  | 4.8         |  |      | 1360                                 | 290         | 1.15       | AKF77 AR37  | 5.5  | 1180 | 252  | 1.30        | AKA77 AR37   | 6.2        | 1030                                 | 221   | 1.50   | AKAF77 AR37 | 3.9  | 1830              | 176.05   | 2.3   | AK 97                                | 8P          | 4.5  | 1590        | 153.21    | 2.7   | AKF 97   |             | 4.9                                  | 1460       | 140.28                               | 3.0  | AKA 97<br>AKAF 97                                    |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 67                   | 78                  | 20.19     | 2.4                 | 79                                   | 66         |                                      |                     | 17.15                                | 2.7                 | 89   | 59                | 15.32  | 3.0    |  |             |  |        | 104                                  | 51   |                                      |            | 13.08  | 3.3    |  |             |  |                   |  |  | 112                                  | 47          | 12.14  | 3.4  |  |             |                                      |             | 130                                  | 41         | 10.49  | 4.0   |  |             |                                      |            | 153  | 34     | 8.91   | 4.7    |  |             |                                      |        | 171                                  | 31     | 7.96   | 5.1         |  |             |  |                   | 200  | 26         |  |      | 6.80   | 5.7         |  |       |  |            | 214  | 25                | 6.37   | 5.9         | 254                                  | 21    | 5.36   | 6.8        |                                      |             | <b>0.75KW</b>  |             |                                      |       |  |      | 1.9  | 3370       | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P   | 0.11                                 | 58400       | 13116                                | 0.85       |  |             | 0.12              | 51500 |  |      | 11647  | 0.95        | AK187 AR97    | 0.19        | 32800                                | 7343  |  |      | 1.50                                 | AKA187 AR97 | 0.20   | 30000       | 6747              | 1.65        |  |      | 0.23   | 26500 | 5991   | 1.90        | 3.8                                  | 1720  | 367                                  | 0.90  |  |      | 4.2       | 1540        | 328  | 1.00        | AK77 AR37  | 4.8        | 1360                                 | 290         |  |      | 1.15   | AKF77 AR37  | 5.5  | 1180 | 252                                  | 1.30        | AKA77 AR37 | 6.2         | 1030   | 221  | 1.50   | AKAF77 AR37 | 3.9  | 1830       | 176.05                               | 2.3   | AK 97  | 8P          | 4.5  | 1590              | 153.21   | 2.7   | AKF 97                               |             | 4.9  | 1460        | 140.28    | 3.0   | AKA 97<br>AKAF 97                                    |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 79                   | 66                  | 17.15     | 2.7                 | 89                                   | 59         |                                      |                     | 15.32                                | 3.0                 | 104  | 51                | 13.08  | 3.3    |  |             |  |        | 112                                  | 47   |                                      |            | 12.14  | 3.4    |  |             |  |                   |  |  | 130                                  | 41          | 10.49  | 4.0  |  |             |                                      |             | 153                                  | 34         | 8.91   | 4.7   |  |             |                                      |            | 171  | 31     | 7.96   | 5.1    |  |             |                                      |        | 200                                  | 26     | 6.80   | 5.7         |  |             |  |                   | 214  | 25         |  |      | 6.37   | 5.9         |  |       |  |            | 254  | 21                | 5.36   | 6.8         | <b>0.75KW</b>                        |       |  |            |                                      |             | 1.9  | 3370        | 726                                  | 0.80  | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11   | 58400      | 13116                                | 0.85        |  |      | 0.12                                 | 51500       | 11647                                | 0.95       |  |             | AK187 AR97        | 0.19  |  |      | 32800  | 7343        | 1.50          | AKA187 AR97 | 0.20                                 | 30000 |  |      | 6747                                 | 1.65        | 0.23   | 26500       | 5991              | 1.90        |  |      | 3.8  | 1720  | 367  | 0.90        | 4.2                                  | 1540  | 328                                  | 1.00  |  |      | AK77 AR37 | 4.8         | 1360   | 290         | 1.15   | AKF77 AR37 | 5.5                                  | 1180        | 252  | 1.30 | AKA77 AR37   | 6.2         | 1030   | 221  | 1.50                                 | AKAF77 AR37 | 3.9        | 1830        | 176.05   | 2.3  | AK 97  | 8P          | 4.5  | 1590       | 153.21                               | 2.7   | AKF 97 |             | 4.9  | 1460              | 140.28   | 3.0   | AKA 97<br>AKAF 97                    |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 89                   | 59                  | 15.32     | 3.0                 | 104                                  | 51         |                                      |                     | 13.08                                | 3.3                 | 112  | 47                | 12.14  | 3.4    |  |             |  |        | 130                                  | 41   |                                      |            | 10.49  | 4.0    |  |             |  |                   |  |  | 153                                  | 34          | 8.91   | 4.7  |  |             |                                      |             | 171                                  | 31         | 7.96   | 5.1   |  |             |                                      |            | 200  | 26     | 6.80   | 5.7    |  |             |                                      |        | 214                                  | 25     | 6.37   | 5.9         |  |             |  |                   | 254  | 21         |  |      | 5.36   | 6.8         |  |       |  |            | <b>0.75KW</b>  |                   |  |             |                                      |       | 1.9  | 3370       | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11                                 | 58400 |  |      | 13116  | 0.85       | 0.12                                 | 51500       |  |      | 11647                                | 0.95        | AK187 AR97                           | 0.19       |  |             | 32800             | 7343  |  |      | 1.50   | AKA187 AR97 | 0.20          | 30000       | 6747                                 | 1.65  |  |      | 0.23                                 | 26500       | 5991   | 1.90        | 3.8               | 1720        |  |      | 367  | 0.90  | 4.2  | 1540        | 328                                  | 1.00  | AK77 AR37                            | 4.8   | 1360   | 290  | 1.15      | AKF77 AR37  | 5.5  | 1180        | 252  | 1.30       | AKA77 AR37                           | 6.2         | 1030   | 221  | 1.50   | AKAF77 AR37 | 3.9  | 1830 | 176.05                               | 2.3         | AK 97      | 8P          | 4.5  | 1590 | 153.21   |             | 2.7  | AKF 97     | 4.9                                  | 1460  | 140.28 |             | 3.0  | AKA 97<br>AKAF 97 |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 104                  | 51                  | 13.08     | 3.3                 | 112                                  | 47         |                                      |                     | 12.14                                | 3.4                 | 130  | 41                | 10.49  | 4.0    |  |             |  |        | 153                                  | 34   |                                      |            | 8.91   | 4.7    |  |             |  |                   |  |  | 171                                  | 31          | 7.96   | 5.1  |  |             |                                      |             | 200                                  | 26         | 6.80   | 5.7   |  |             |                                      |            | 214  | 25     | 6.37   | 5.9    |  |             |                                      |        | 254                                  | 21     | 5.36   | 6.8         |  |             |  |                   | <b>0.75KW</b>  |            |  |      |  |             |  |       | 1.9  | 3370       | 726  | 0.80              | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11                                 | 58400 | 13116  | 0.85       | 0.12                                 | 51500       |  |             | 11647                                | 0.95  |  |      | AK187 AR97   | 0.19       | 32800                                | 7343        |  |      | 1.50                                 | AKA187 AR97 | 0.20                                 | 30000      |  |             | 6747              | 1.65  |  |      | 0.23   | 26500       | 5991          | 1.90        | 3.8                                  | 1720  |  |      | 367                                  | 0.90        | 4.2  | 1540        | 328               | 1.00        | AK77 AR37  | 4.8  | 1360   | 290   | 1.15   | AKF77 AR37  | 5.5                                  | 1180  | 252                                  | 1.30  | AKA77 AR37   | 6.2  | 1030      | 221         | 1.50   | AKAF77 AR37 | 3.9  | 1830       | 176.05                               | 2.3         | AK 97  | 8P   | 4.5  | 1590        | 153.21   | 2.7  | AKF 97                               | 4.9         | 1460       |             | 140.28   | 3.0  | AKA 97<br>AKAF 97  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 112                  | 47                  | 12.14     | 3.4                 | 130                                  | 41         |                                      |                     | 10.49                                | 4.0                 | 153  | 34                | 8.91   | 4.7    |  |             |  |        | 171                                  | 31   |                                      |            | 7.96   | 5.1    |  |             |  |                   |  |  | 200                                  | 26          | 6.80   | 5.7  |  |             |                                      |             | 214                                  | 25         | 6.37   | 5.9   |  |             |                                      |            | 254  | 21     | 5.36   | 6.8    |  |             |                                      |        | <b>0.75KW</b>                        |        |  |             |  |             | 1.9  | 3370              | 726  | 0.80       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P   | 0.11   | 58400       | 13116  | 0.85  | 0.12   | 51500      | 11647  | 0.95              |  |             | AK187 AR97                           | 0.19  | 32800  | 7343       | 1.50                                 | AKA187 AR97 |  |             | 0.20                                 | 30000 |  |      | 6747   | 1.65       | 0.23                                 | 26500       |  |      | 5991                                 | 1.90        | 3.8                                  | 1720       |  |             | 367               | 0.90  |  |      | 4.2  | 1540        | 328           | 1.00        | AK77 AR37                            | 4.8   | 1360   | 290  | 1.15                                 | AKF77 AR37  | 5.5  | 1180        | 252               | 1.30        | AKA77 AR37   | 6.2  | 1030   | 221   | 1.50   | AKAF77 AR37 | 3.9                                  | 1830  | 176.05                               | 2.3   | AK 97  | 8P   | 4.5       | 1590        | 153.21   | 2.7         | AKF 97   | 4.9        | 1460                                 | 140.28      | 3.0  |      | AKA 97<br>AKAF 97  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 130                  | 41                  | 10.49     | 4.0                 | 153                                  | 34         |                                      |                     | 8.91                                 | 4.7                 | 171  | 31                | 7.96   | 5.1    |  |             |  |        | 200                                  | 26   |                                      |            | 6.80   | 5.7    |  |             |  |                   |  |  | 214                                  | 25          | 6.37   | 5.9  |  |             |                                      |             | 254                                  | 21         | 5.36   | 6.8   |  |             |                                      |            | <b>0.75KW</b>  |        |  |        |  |             | 1.9                                  | 3370   | 726                                  | 0.80   | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P          | 0.11   | 58400       | 13116  | 0.85              | 0.12   | 51500      |  |      | 11647  | 0.95        | AK187 AR97   | 0.19  | 32800  | 7343       | 1.50   | AKA187 AR97       |  |             | 0.20                                 | 30000 | 6747   | 1.65       | 0.23                                 | 26500       |  |             | 5991                                 | 1.90  |  |      | 3.8  | 1720       | 367                                  | 0.90        |  |      | 4.2                                  | 1540        | 328                                  | 1.00       |  |             | AK77 AR37         | 4.8   | 1360   | 290  | 1.15   | AKF77 AR37  | 5.5           | 1180        | 252                                  | 1.30  | AKA77 AR37   | 6.2  | 1030                                 | 221         | 1.50   | AKAF77 AR37 | 3.9               | 1830        | 176.05   | 2.3  | AK 97  | 8P    | 4.5  | 1590        | 153.21                               | 2.7   | AKF 97                               | 4.9   | 1460   |      | 140.28    | 3.0         | AKA 97<br>AKAF 97  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 153                  | 34                  | 8.91      | 4.7                 | 171                                  | 31         |                                      |                     | 7.96                                 | 5.1                 | 200  | 26                | 6.80   | 5.7    |  |             |  |        | 214                                  | 25   |                                      |            | 6.37   | 5.9    |  |             |  |                   |  |  | 254                                  | 21          | 5.36   | 6.8  |  |             |                                      |             | <b>0.75KW</b>                        |            |  |       |  |             | 1.9                                  | 3370       | 726  | 0.80   | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P     | 0.11   | 58400       | 13116                                | 0.85   | 0.12                                 | 51500  |  |             | 11647  | 0.95        | AK187 AR97   | 0.19              | 32800  | 7343       |  |      | 1.50   | AKA187 AR97 | 0.20   | 30000 | 6747   | 1.65       | 0.23   | 26500             |  |             | 5991                                 | 1.90  | 3.8  | 1720       | 367                                  | 0.90        |  |             | 4.2                                  | 1540  |  |      | 328  | 1.00       | AK77 AR37                            | 4.8         |  |      | 1360                                 | 290         | 1.15                                 | AKF77 AR37 | 5.5  | 1180        | 252               | 1.30  | AKA77 AR37   | 6.2  | 1030   | 221         | 1.50          | AKAF77 AR37 | 3.9                                  | 1830  | 176.05   | 2.3  | AK 97                                | 8P          | 4.5  | 1590        | 153.21            | 2.7         | AKF 97   | 4.9  | 1460   |       | 140.28   | 3.0         | AKA 97<br>AKAF 97                    |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 171                  | 31                  | 7.96      | 5.1                 | 200                                  | 26         |                                      |                     | 6.80                                 | 5.7                 | 214  | 25                | 6.37   | 5.9    |  |             |  |        | 254                                  | 21   |                                      |            | 5.36   | 6.8    |  |             |  |                   |  |  | <b>0.75KW</b>                        |             |  |  |  |             | 1.9                                  | 3370        | 726                                  | 0.80       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P    | 0.11   | 58400       | 13116                                | 0.85       | 0.12   | 51500  |  |        | 11647  | 0.95        | AK187 AR97                           | 0.19   | 32800                                | 7343   |  |             | 1.50   | AKA187 AR97 | 0.20   | 30000             | 6747   | 1.65       |  |      | 0.23   | 26500       | 5991   | 1.90  | 3.8  | 1720       | 367  | 0.90              |  |             | 4.2                                  | 1540  | 328  | 1.00       | AK77 AR37                            | 4.8         |  |             | 1360                                 | 290   |  |      | 1.15   | AKF77 AR37 | 5.5                                  | 1180        | 252  | 1.30 | AKA77 AR37                           | 6.2         | 1030                                 | 221        | 1.50   | AKAF77 AR37 | 3.9               | 1830  | 176.05   | 2.3  | AK 97  | 8P          | 4.5           | 1590        | 153.21                               | 2.7   | AKF 97   | 4.9  | 1460                                 |             | 140.28   | 3.0         | AKA 97<br>AKAF 97 |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 200                  | 26                  | 6.80      | 5.7                 | 214                                  | 25         |                                      |                     | 6.37                                 | 5.9                 | 254  | 21                | 5.36   | 6.8    |  |             |  |        | <b>0.75KW</b>                        |  |                                      |            |  |        |  |             | 1.9  | 3370              |  |  | 726                                  | 0.80        | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P   | 0.11   | 58400       | 13116                                | 0.85        | 0.12                                 | 51500      |  |       | 11647  | 0.95        | AK187 AR97                           | 0.19       | 32800  | 7343   |  |        | 1.50   | AKA187 AR97 | 0.20                                 | 30000  | 6747                                 | 1.65   |  |             | 0.23   | 26500       | 5991   | 1.90              | 3.8  | 1720       |  |      | 367  | 0.90        | 4.2  | 1540  | 328  | 1.00       | AK77 AR37  | 4.8               |  |             | 1360                                 | 290   | 1.15   | AKF77 AR37 | 5.5                                  | 1180        |  |             | 252                                  | 1.30  | AKA77 AR37   | 6.2  | 1030   | 221        | 1.50                                 | AKAF77 AR37 | 3.9  | 1830 | 176.05                               | 2.3         | AK 97                                | 8P         | 4.5  | 1590        | 153.21            | 2.7   | AKF 97   | 4.9  | 1460   |             | 140.28        | 3.0         | AKA 97<br>AKAF 97                    |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 214                  | 25                  | 6.37      | 5.9                 | 254                                  | 21         |                                      |                     | 5.36                                 | 6.8                 | <b>0.75KW</b>  |                   |  |        |  |             |  |        | 1.9                                  | 3370   | 726                                  | 0.80       | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P     |  |             | 0.11   | 58400             | 13116  | 0.85   | 0.12                                 | 51500       |  |  | 11647  | 0.95        | AK187 AR97                           | 0.19        | 32800                                | 7343       |  |       | 1.50   | AKA187 AR97 | 0.20                                 | 30000      | 6747   | 1.65   |  |        | 0.23   | 26500       | 5991                                 | 1.90   | 3.8                                  | 1720   |  |             | 367  | 0.90        | 4.2  | 1540              | 328  | 1.00       |  |      | AK77 AR37  | 4.8         | 1360   | 290   | 1.15   | AKF77 AR37 | 5.5  | 1180              |  |             | 252                                  | 1.30  | AKA77 AR37   | 6.2        | 1030                                 | 221         | 1.50   | AKAF77 AR37 | 3.9                                  | 1830  | 176.05   | 2.3  | AK 97  | 8P         | 4.5                                  | 1590        | 153.21   | 2.7  | AKF 97                               | 4.9         | 1460                                 |            | 140.28   | 3.0         | AKA 97<br>AKAF 97 |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 254                  | 21                  | 5.36      | 6.8                 | <b>0.75KW</b>                        |            |                                      |                     |                                      |                     | 1.9  | 3370              | 726  | 0.80   |  |             | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57 | 4P     | 0.11                                 | 58400  | 13116                                | 0.85       |  |        | 0.12   | 51500       | 11647  | 0.95              | AK187 AR97   | 0.19   | 32800                                | 7343        |  |  | 1.50   | AKA187 AR97 | 0.20                                 | 30000       | 6747                                 | 1.65       |  |       | 0.23   | 26500       | 5991                                 | 1.90       | 3.8  | 1720   |  |        | 367  | 0.90        | 4.2                                  | 1540   | 328                                  | 1.00   |  |             | AK77 AR37  | 4.8         | 1360   | 290               | 1.15   | AKF77 AR37 |  |      | 5.5  | 1180        | 252  | 1.30  | AKA77 AR37   | 6.2        | 1030   | 221               | 1.50   | AKAF77 AR37 | 3.9                                  | 1830  | 176.05   | 2.3        | AK 97                                | 8P          | 4.5  | 1590        | 153.21                               | 2.7   | AKF 97   | 4.9  | 1460   |            | 140.28                               | 3.0         | AKA 97<br>AKAF 97  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| <b>0.75KW</b>        |                     |           |                     |                                      |            | 1.9                                  | 3370                | 726                                  | 0.80                | AK87 AR57<br>AKF87 AR57<br>AKA87 AR57<br>AKAF87 AR57     | 4P                |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 0.11                 | 58400               | 13116     | 0.85                | 0.12                                 | 51500      | 11647                                | 0.95                | AK187 AR97                           | 0.19                |  |                   | 32800  | 7343   | 1.50   | AKA187 AR97 |  |        | 0.20                                 | 30000  | 6747                                 | 1.65       |  |        | 0.23   | 26500       | 5991   | 1.90              | 3.8  | 1720   | 367                                  | 0.90        |  |  | 4.2  | 1540        | 328                                  | 1.00        | AK77 AR37                            | 4.8        |  |       | 1360   | 290         | 1.15                                 | AKF77 AR37 | 5.5  | 1180   |  |        | 252  | 1.30        | AKA77 AR37                           | 6.2    | 1030                                 | 221    | 1.50   | AKAF77 AR37 | 3.9  | 1830        | 176.05   | 2.3               | AK 97  | 8P         | 4.5  | 1590 | 153.21   | 2.7         | AKF 97   | 4.9   | 1460   | 140.28     | 3.0  | AKA 97<br>AKAF 97 |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 0.12                 | 51500               | 11647     | 0.95                | AK187 AR97                           | 0.19       | 32800                                | 7343                | 1.50                                 | AKA187 AR97         |  |                   | 0.20   | 30000  | 6747   | 1.65        |  |        | 0.23                                 | 26500  | 5991                                 | 1.90       |  |        | 3.8  | 1720        | 367  | 0.90              | 4.2  | 1540   | 328                                  | 1.00        |  |  | AK77 AR37  | 4.8         | 1360                                 | 290         | 1.15                                 | AKF77 AR37 |  |       | 5.5  | 1180        | 252                                  | 1.30       | AKA77 AR37   | 6.2    | 1030   | 221    | 1.50   | AKAF77 AR37 | 3.9                                  | 1830   | 176.05                               | 2.3    | AK 97  | 8P          | 4.5  | 1590        | 153.21   | 2.7               | AKF 97   |            | 4.9  | 1460 | 140.28   | 3.0         | AKA 97<br>AKAF 97                                    |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 0.19                 | 32800               | 7343      | 1.50                | AKA187 AR97                          | 0.20       | 30000                                | 6747                | 1.65                                 | 0.23                |  |                   | 26500  | 5991   | 1.90   | 3.8         |  |        | 1720                                 | 367  | 0.90                                 | 4.2        |  |        | 1540   | 328         | 1.00   | AK77 AR37         | 4.8  | 1360   | 290                                  | 1.15        |  |  | AKF77 AR37   | 5.5         | 1180                                 | 252         | 1.30                                 | AKA77 AR37 | 6.2  | 1030  | 221  | 1.50        | AKAF77 AR37                          | 3.9        | 1830   | 176.05 | 2.3  | AK 97  | 8P   | 4.5         | 1590                                 | 153.21 | 2.7                                  | AKF 97 | 4.9  |             | 1460   | 140.28      | 3.0  | AKA 97<br>AKAF 97 |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 0.20                 | 30000               | 6747      | 1.65                | 0.23                                 | 26500      | 5991                                 | 1.90                | 3.8                                  | 1720                |  |                   | 367  | 0.90   | 4.2  | 1540        |  |        | 328                                  | 1.00   | AK77 AR37                            | 4.8        |  |        | 1360   | 290         | 1.15   | AKF77 AR37        | 5.5  | 1180   | 252                                  | 1.30        | AKA77 AR37   | 6.2  | 1030   | 221         | 1.50                                 | AKAF77 AR37 | 3.9                                  | 1830       | 176.05   | 2.3   | AK 97  | 8P          | 4.5                                  | 1590       | 153.21   | 2.7    | AKF 97   | 4.9    |  | 1460        | 140.28                               | 3.0    | AKA 97<br>AKAF 97                    |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 0.23                 | 26500               | 5991      | 1.90                | 3.8                                  | 1720       | 367                                  | 0.90                | 4.2                                  | 1540                |  |                   | 328  | 1.00   | AK77 AR37  | 4.8         |  |        | 1360                                 | 290  | 1.15                                 | AKF77 AR37 | 5.5  | 1180   | 252  | 1.30        | AKA77 AR37   | 6.2               | 1030   | 221  | 1.50                                 | AKAF77 AR37 | 3.9  | 1830   | 176.05   | 2.3         | AK 97                                | 8P          | 4.5                                  | 1590       | 153.21   | 2.7   | AKF 97   |             | 4.9                                  | 1460       | 140.28   | 3.0    | AKA 97<br>AKAF 97                                    |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 3.8                  | 1720                | 367       | 0.90                | 4.2                                  | 1540       | 328                                  | 1.00                | AK77 AR37                            | 4.8                 |  |                   | 1360   | 290    | 1.15   | AKF77 AR37  | 5.5  | 1180   | 252                                  | 1.30   | AKA77 AR37                           | 6.2        | 1030   | 221    | 1.50   | AKAF77 AR37 | 3.9  | 1830              | 176.05   | 2.3  | AK 97                                | 8P          | 4.5  | 1590   | 153.21   | 2.7         | AKF 97                               |             | 4.9                                  | 1460       | 140.28   | 3.0   | AKA 97<br>AKAF 97                                    |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 4.2                  | 1540                | 328       | 1.00                | AK77 AR37                            | 4.8        | 1360                                 | 290                 | 1.15                                 | AKF77 AR37          | 5.5  | 1180              | 252  | 1.30   | AKA77 AR37   | 6.2         | 1030   | 221    | 1.50                                 | AKAF77 AR37  | 3.9                                  | 1830       | 176.05   | 2.3    | AK 97  | 8P          | 4.5  | 1590              | 153.21   | 2.7  | AKF 97                               |             | 4.9  | 1460   | 140.28   | 3.0         | AKA 97<br>AKAF 97                    |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 4.8                  | 1360                | 290       | 1.15                | AKF77 AR37                           | 5.5        | 1180                                 | 252                 | 1.30                                 | AKA77 AR37          | 6.2  | 1030              | 221  | 1.50   | AKAF77 AR37  | 3.9         | 1830   | 176.05 | 2.3                                  | AK 97  | 8P                                   | 4.5        | 1590   | 153.21 | 2.7  |             | AKF 97   | 4.9               | 1460   | 140.28   | 3.0                                  |             | AKA 97<br>AKAF 97                                    |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 5.5                  | 1180                | 252       | 1.30                | AKA77 AR37                           | 6.2        | 1030                                 | 221                 | 1.50                                 | AKAF77 AR37         | 3.9  | 1830              | 176.05   | 2.3    | AK 97  | 8P          | 4.5  | 1590   | 153.21                               | 2.7  |                                      | AKF 97     | 4.9  | 1460   | 140.28   |             | 3.0  | AKA 97<br>AKAF 97 |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 6.2                  | 1030                | 221       | 1.50                | AKAF77 AR37                          | 3.9        | 1830                                 | 176.05              | 2.3                                  | AK 97               | 8P   | 4.5               | 1590   | 153.21 | 2.7  |             | AKF 97   | 4.9    | 1460                                 | 140.28   |                                      | 3.0        | AKA 97<br>AKAF 97                                    |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 3.9                  | 1830                | 176.05    | 2.3                 | AK 97                                | 8P         |                                      |                     |                                      |                     |  |                   |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 4.5                  | 1590                | 153.21    | 2.7                 | AKF 97                               |            | 4.9                                  | 1460                | 140.28                               | 3.0                 |  | AKA 97<br>AKAF 97 |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |
| 4.9                  | 1460                | 140.28    | 3.0                 | AKA 97<br>AKAF 97                    |            |                                      |                     |                                      |                     |  |                   |  |        |  |             |  |        |                                      |  |                                      |            |  |        |  |             |  |                   |  |  |                                      |             |  |  |  |             |                                      |             |                                      |            |  |       |  |             |                                      |            |  |        |  |        |  |             |                                      |        |                                      |        |  |             |  |             |  |                   |  |            |  |      |  |             |  |       |  |            |  |                   |  |             |                                      |       |  |            |                                      |             |  |             |                                      |       |  |      |  |            |                                      |             |  |      |                                      |             |                                      |            |  |             |                   |       |  |      |  |             |               |             |                                      |       |  |      |                                      |             |  |             |                   |             |  |      |  |       |  |             |                                      |       |                                      |       |  |      |           |             |  |             |  |            |                                      |             |  |      |  |             |  |      |                                      |             |            |             |  |      |  |             |  |            |                                      |       |        |             |  |                   |  |       |                                      |             |  |             |           |       |  |             |                                      |            |                                      |      |  |      |               |             |  |      |  |       |       |            |                                      |             |  |      |               |       |  |      |               |             |  |             |                                      |             |  |             |                                      |       |  |      |  |       |                                      |             |  |      |            |       |  |       |  |      |                   |             |  |             |            |        |           |                   |               |             |            |            |            |             |       |             |            |             |  |      |           |             |            |       |        |            |        |             |               |        |            |      |            |             |               |                   |               |             |  |      |               |            |        |      |  |                   |  |        |  |       |  |             |        |                   |                   |             |               |       |        |      |               |             |               |                   |  |             |  |       |  |        |  |                   |  |       |  |             |  |       |  |             |           |       |               |       |  |            |               |            |            |             |            |                   |  |             |  |             |            |             |            |       |  |             |            |             |            |       |        |             |           |             |            |           |             |                   |        |             |            |            |                   |                   |      |                   |            |             |      |           |            |             |                   |      |            |             |           |             |        |      |            |            |        |        |        |                   |             |                   |                   |                   |       |                   |        |             |                   |        |        |        |



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type    | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole |
|----------------------|---------------------|-----------|---------------------|---------|------------|----------------------|---------------------|-----------|---------------------|--------------|------------|
| <b>0.75KW</b>        |                     |           |                     |         |            | <b>0.75KW</b>        |                     |           |                     |              |            |
| 4.7                  | 1530                | 147.32    | 1.75                | AK 87   | 8P         | 155                  | 46                  | 8.91      | 3.5                 | AK 37        | 4P         |
| 5.4                  | 1320                | 126.91    | 2.0                 | AKF 87  |            | 173                  | 41                  | 7.96      | 3.8                 | AKF 37       |            |
| 6.0                  | 1200                | 115.82    | 2.2                 | AKA 87  |            | 203                  | 35                  | 6.80      | 4.2                 | AKA 37       |            |
| 6.7                  | 1070                | 102.71    | 2.5                 | AKAF 87 |            | 217                  | 33                  | 6.37      | 4.4                 | AKAF 37      |            |
| 5.2                  | 1390                | 174.19    | 1.95                | AK 87   | 6P         | 257                  | 28                  | 5.36      | 5.0                 |              |            |
| 5.5                  | 1310                | 164.34    | 2.1                 | AKF 87  |            | <b>1.1KW</b>         |                     |           |                     |              |            |
| 6.1                  | 1170                | 147.32    | 2.3                 | AKA 87  |            | 0.15                 | 60700               | 9363      | 0.80                |              |            |
| 7.1                  | 1010                | 126.91    | 2.7                 | AKAF 87 |            | 0.17                 | 52400               | 8126      | 0.95                |              |            |
| 7.0                  | 1020                | 197.37    | 2.6                 | AK 87   | 4P         | 0.19                 | 48300               | 7343      | 1.05                |              |            |
| 7.9                  | 900                 | 174.19    | 3.0                 | AKF 87  |            | 0.21                 | 44300               | 6747      | 1.15                | AK187 AR97   | 4P         |
| 8.4                  | 850                 | 164.34    | 3.2                 | AKA 87  |            | 0.23                 | 39200               | 5991      | 1.30                | AKA187 AR97  |            |
| 9.4                  | 765                 | 147.32    | 3.5                 | AKAF 87 |            | 0.26                 | 34900               | 5358      | 1.45                |              |            |
| 6.7                  | 1080                | 135.28    | 1.45                |         | 6P         | 0.29                 | 31200               | 4817      | 1.60                |              |            |
| 7.0                  | 1020                | 128.52    | 1.50                | AK 77   |            | 0.32                 | 28300               | 4370      | 1.75                |              |            |
| 7.9                  | 900                 | 113.56    | 1.70                | AKF 77  |            | 0.26                 | 35000               | 5355      | 0.90                |              |            |
| 9.3                  | 770                 | 97.05     | 2.0                 | AKA 77  |            | 0.29                 | 31200               | 4788      | 1.05                |              |            |
| 9.0                  | 800                 | 154.02    | 1.95                | AK 77   | 4P         | 0.34                 | 26800               | 4079      | 1.20                |              |            |
| 10                   | 710                 | 88.97     | 2.2                 | AKAF 77 |            | 0.41                 | 22200               | 3376      | 1.45                |              |            |
| 10                   | 700                 | 135.28    | 2.2                 | AKF 77  |            | 0.51                 | 18000               | 2755      | 1.80                | AK167 AR97   | 4P         |
| 11                   | 665                 | 128.52    | 2.3                 | AKA 77  |            | 0.64                 | 14600               | 2182      | 2.2                 | AKA167 AR97  |            |
| 12                   | 590                 | 113.56    | 2.6                 | AKAF 77 | 0.82       | 11300                | 1704                | 2.8       |                     |              |            |
| 14                   | 505                 | 97.05     | 3.1                 |         | 0.99       | 9330                 | 1408                | 3.4       |                     |              |            |
| 11                   | 640                 | 123.54    | 1.30                |         | 4P         | 1.1                  | 8560                | 1296      | 3.7                 |              |            |
| 13                   | 560                 | 108.03    | 1.45                |         |            | 0.40                 | 22900               | 3516      | 0.80                |              |            |
| 15                   | 465                 | 90.04     | 1.75                | AK 67   |            | 0.46                 | 20100               | 3051      | 0.90                |              |            |
| 18                   | 395                 | 76.37     | 2.1                 | AKF 67  |            | 0.54                 | 16900               | 2610      | 1.05                |              |            |
| 20                   | 360                 | 68.95     | 2.3                 | AKA 67  | 4P         | 0.60                 | 15100               | 2322      | 1.20                | AK157 AR97   | 4P         |
| 23                   | 315                 | 60.66     | 2.6                 | AKAF 67 |            | 0.84                 | 11000               | 1659      | 1.65                | AKF157 AR97  |            |
| 24                   | 295                 | 57.28     | 2.8                 |         |            | 1.0                  | 8970                | 1365      | 2.0                 | AKA157 AR97  |            |
| 11                   | 645                 | 123.85    | 0.95                |         |            | 1.1                  | 8030                | 1229      | 2.2                 | AKAF157 AR97 |            |
| 13                   | 560                 | 108.29    | 1.05                |         | 1.3        | 7150                 | 1093                | 2.5       |                     |              |            |
| 13                   | 535                 | 102.88    | 1.10                |         | 1.5        | 6160                 | 942                 | 2.9       |                     |              |            |
| 15                   | 470                 | 90.26     | 1.30                | AK 57   | 1.6        | 5550                 | 854                 | 3.2       |                     |              |            |
| 18                   | 395                 | 76.56     | 1.50                | AKF 57  | 4P         | 0.73                 | 13100               | 1926      | 1.00                |              |            |
| 20                   | 360                 | 69.12     | 1.65                | AKA 57  |            | 0.80                 | 11900               | 1757      | 1.10                |              |            |
| 23                   | 315                 | 60.81     | 1.920               | AKAF 57 |            | 0.91                 | 10400               | 1541      | 1.25                |              |            |
| 24                   | 300                 | 57.42     | 2.0                 |         |            | 1.0                  | 9100                | 1342      | 1.45                |              |            |
| 28                   | 255                 | 48.89     | 2.4                 |         | 4P         | 1.2                  | 7960                | 1177      | 1.65                | AK127 AR77   | 4P         |
| 31                   | 230                 | 44.43     | 2.6                 |         |            | 1.4                  | 6950                | 1025      | 1.85                | AKF127 AR77  |            |
| 18                   | 390                 | 75.20     | 1.00                |         |            | 1.6                  | 6080                | 899       | 2.1                 | AKA127 AR77  |            |
| 20                   | 365                 | 69.84     | 1.10                |         |            | 1.8                  | 5270                | 790       | 2.5                 | AKAF127 AR77 |            |
| 22                   | 330                 | 63.30     | 1.20                |         | 2.0        | 4740                 | 704                 | 2.7       |                     |              |            |
| 24                   | 295                 | 56.83     | 1.35                |         | 2.3        | 4090                 | 610                 | 3.2       |                     |              |            |
| 28                   | 255                 | 48.95     | 1.55                | AK 47   | 2.5        | 3690                 | 549                 | 3.5       |                     |              |            |
| 30                   | 240                 | 46.04     | 1.65                | AKF 47  | 2.9        | 3180                 | 477                 | 4.1       |                     |              |            |
| 35                   | 205                 | 39.61     | 1.95                | AKA 47  | 4P         | 1.2                  | 7920                | 1166      | 1.00                |              |            |
| 39                   | 184                 | 35.39     | 2.2                 | AKAF 47 |            | 1.4                  | 6920                | 1030      | 1.15                |              |            |
| 44                   | 162                 | 31.30     | 2.5                 |         |            | 1.5                  | 6050                | 904       | 1.30                |              |            |
| 31                   | 230                 | 44.46     | 0.85                |         |            | 1.8                  | 5380                | 793       | 1.50                |              |            |
| 36                   | 197                 | 37.97     | 1.00                |         | 2.0        | 4700                 | 696                 | 1.70      | AK107 AR77          | 4P           |            |
| 39                   | 185                 | 35.57     | 1.10                |         | 2.3        | 4120                 | 615                 | 1.95      | AKF107 AR77         |              |            |
| 46                   | 156                 | 29.96     | 1.30                |         | 2.7        | 3500                 | 522                 | 2.3       | AKA107 AR77         |              |            |
| 48                   | 150                 | 28.83     | 1.35                | AK 37   | 3.0        | 3080                 | 461                 | 2.6       | AKAF107 AR77        |              |            |
| 55                   | 130                 | 24.99     | 1.55                | AKF 37  | 4P         | 3.4                  | 2720                | 408       | 2.9                 |              |            |
| 59                   | 121                 | 23.36     | 1.60                | AKA 37  |            | 3.8                  | 2450                | 364       | 3.3                 |              |            |
| 68                   | 105                 | 20.19     | 1.75                | AKAF 37 |            | 4.4                  | 2140                | 318       | 3.7                 |              |            |
| 80                   | 89                  | 17.15     | 2.0                 |         |            | 1.9                  | 5030                | 743       | 0.85                |              |            |
| 90                   | 80                  | 15.32     | 2.2                 |         | 2.2        | 4420                 | 652                 | 0.95      |                     |              |            |
| 105                  | 68                  | 13.08     | 2.4                 |         | 2.4        | 3910                 | 573                 | 1.10      | AK97 AR57           | 4P           |            |
| 114                  | 63                  | 12.14     | 2.5                 |         | 2.8        | 3400                 | 504                 | 1.25      | AKF97 AR57          |              |            |
| 132                  | 54                  | 10.49     | 2.9                 |         | 3.2        | 2940                 | 437                 | 1.45      | AKA97 AR57          |              |            |
|                      |                     |           |                     |         | 3.7        | 2590                 | 382                 | 1.65      | AKAF97 AR57         |              |            |
|                      |                     |           |                     |         |            | 4.1                  | 2300                | 342       | 1.85                |              |            |

AK



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type    | Motor pole |    |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|---------|------------|----|
| <b>1.5KW</b>         |                     |           |                     |              |            | <b>1.5KW</b>         |                     |           |                     |         |            |    |
| 2.6                  | 4820                | 536       | 2.7                 | AK127 AR87   | 4P         | 6.2                  | 2290                | 147.33    | 1.20                | AK 87   | 6P         |    |
| 3.4                  | 3770                | 418       | 3.5                 | AKF127 AR87  |            | 7.2                  | 1980                | 126.91    | 1.35                | AKF 87  |            |    |
| 3.8                  | 3330                | 367       | 3.9                 | AKA127 AR87  |            | 7.9                  | 1800                | 115.82    | 1.50                | AKA 87  |            |    |
|                      |                     |           |                     | AKAF127 AR87 |            | 9.0                  | 1600                | 102.71    | 1.70                | AKAF 87 |            |    |
| 0.80                 | 16200               | 1757      | 0.80                |              | 4P         | 8.1                  | 1770                | 174.19    | 1.55                |         | 4P         |    |
| 0.91                 | 14200               | 1541      | 0.90                |              |            | 8.6                  | 1670                | 164.34    | 1.60                |         |            |    |
| 1.0                  | 12400               | 1342      | 1.05                |              |            | 9.6                  | 1500                | 147.32    | 1.80                | AK 87   |            |    |
| 1.2                  | 10900               | 1177      | 1.20                |              |            | 11                   | 1290                | 126.91    | 2.1                 | AKF 87  |            |    |
| 1.4                  | 9470                | 1025      | 1.35                |              |            | 12                   | 1180                | 115.82    | 2.3                 | AKA 87  |            |    |
| 1.6                  | 8300                | 899       | 1.55                | AK127 AR77   |            | 14                   | 1040                | 102.71    | 2.6                 | AKAF 87 |            |    |
| 1.8                  | 7210                | 790       | 1.80                | AKF127 AR77  |            | 16                   | 880                 | 86.34     | 3.1                 |         |            |    |
| 2.0                  | 6480                | 704       | 2.0                 | AKA127 AR77  |            |                      |                     |           |                     |         |            |    |
| 2.3                  | 5590                | 610       | 2.3                 | AKAF127 AR77 |            | 8.1                  | 1770                | 113.56    | 0.90                | AK 77   |            | 6P |
| 2.6                  | 5040                | 549       | 2.6                 |              |            | 9.5                  | 1510                | 97.05     | 1.05                | AKF 77  |            |    |
| 3.0                  | 4360                | 477       | 3.0                 |              |            | 10                   | 1390                | 88.97     | 1.10                | AKA 77  |            |    |
| 3.4                  | 3840                | 418       | 3.4                 |              |            | 12                   | 1220                | 78.07     | 1.30                | AKAF 77 |            |    |
| 1.4                  | 9460                | 1030      | 0.85                |              | 4P         | 10                   | 1370                | 135.28    | 1.15                |         | 4P         |    |
| 1.6                  | 8280                | 904       | 0.95                |              |            | 11                   | 1310                | 128.52    | 1.20                |         |            |    |
| 1.8                  | 7330                | 793       | 1.10                |              |            | 12                   | 1150                | 113.56    | 1.35                |         |            |    |
| 2.0                  | 6420                | 696       | 1.25                | AK107 AR77   |            | 15                   | 990                 | 97.05     | 1.55                |         |            |    |
| 2.3                  | 5640                | 615       | 1.40                | AKF107 AR77  |            | 16                   | 900                 | 88.97     | 1.70                | AK 77   |            |    |
| 2.7                  | 4780                | 522       | 1.65                | AKA107 AR77  |            | 18                   | 795                 | 78.07     | 1.95                | AKF 77  |            |    |
| 3.1                  | 4210                | 461       | 1.90                | AKAF107 AR77 |            | 19                   | 750                 | 73.99     | 2.1                 | AKA 77  |            |    |
| 3.5                  | 3720                | 408       | 2.2                 |              |            | 22                   | 660                 | 64.76     | 2.4                 | AKAF 77 |            |    |
| 3.9                  | 3350                | 364       | 2.4                 |              |            | 24                   | 595                 | 58.34     | 2.6                 |         |            |    |
| 4.4                  | 2920                | 318       | 2.7                 |              |            | 28                   | 520                 | 51.18     | 3.0                 |         |            |    |
|                      |                     |           |                     |              |            | 31                   | 460                 | 45.16     | 3.4                 |         |            |    |
|                      |                     |           |                     |              |            | 35                   | 405                 | 40.04     | 3.8                 |         |            |    |
| 2.5                  | 5320                | 573       | 0.80                |              | 4P         | 16                   | 910                 | 90.04     | 0.90                |         | 4P         |    |
| 2.8                  | 4650                | 504       | 0.95                |              |            | 18                   | 775                 | 76.37     | 1.05                |         |            |    |
| 3.2                  | 4020                | 437       | 1.05                |              |            | 20                   | 700                 | 68.95     | 1.15                |         |            |    |
| 3.7                  | 3540                | 382       | 1.20                | AK97 AR57    |            | 23                   | 615                 | 60.66     | 1.35                |         |            |    |
| 4.1                  | 3140                | 342       | 1.35                | AKF97 AR57   |            | 25                   | 580                 | 57.28     | 1.40                |         |            |    |
| 4.6                  | 2820                | 305       | 1.50                | AKA97 AR57   |            | 29                   | 495                 | 48.77     | 1.65                | AK 67   |            |    |
| 5.5                  | 2380                | 258       | 1.80                | AKAF97 AR57  |            | 32                   | 450                 | 44.32     | 1.80                | AKF 67  |            |    |
| 6.1                  | 2140                | 232       | 2.0                 |              |            | 37                   | 390                 | 38.39     | 2.0                 | AKA 67  |            |    |
| 7.1                  | 1840                | 199       | 2.3                 |              |            | 40                   | 360                 | 35.62     | 2.3                 | AKAF 67 |            |    |
|                      |                     |           |                     |              |            | 47                   | 305                 | 30.22     | 2.7                 |         |            |    |
|                      |                     |           |                     |              |            | 52                   | 275                 | 27.28     | 3.0                 |         |            |    |
|                      |                     |           |                     |              |            | 59                   | 245                 | 24.00     | 3.3                 |         |            |    |
| 4.3                  | 3040                | 330       | 0.90                |              | 4P         | 23                   | 620                 | 60.81     | 0.95                |         | 4P         |    |
| 4.8                  | 2700                | 294       | 1.00                |              |            | 25                   | 585                 | 57.42     | 1.05                |         |            |    |
| 5.6                  | 2310                | 250       | 1.15                | AK87 AR57    |            | 29                   | 495                 | 48.89     | 1.20                |         |            |    |
| 6.0                  | 2180                | 236       | 1.25                | AKF87 AR57   |            | 32                   | 450                 | 44.43     | 1.35                |         |            |    |
| 7.0                  | 1860                | 201       | 1.45                | AKA87 AR57   |            | 37                   | 390                 | 38.49     | 1.55                | AK 57   |            |    |
| 7.7                  | 1690                | 183       | 1.60                | AKAF87 AR57  |            | 39                   | 365                 | 35.70     | 1.65                | AKF 57  |            |    |
|                      |                     |           |                     |              |            | 47                   | 310                 | 30.28     | 1.95                | AKA 57  |            |    |
|                      |                     |           |                     |              |            | 52                   | 280                 | 27.34     | 2.2                 | AKAF 57 |            |    |
|                      |                     |           |                     |              |            | 59                   | 245                 | 24.05     | 2.5                 |         |            |    |
|                      |                     |           |                     |              |            | 62                   | 230                 | 22.71     | 2.6                 |         |            |    |
|                      |                     |           |                     |              |            | 73                   | 196                 | 19.34     | 2.9                 |         |            |    |
| 4.9                  | 2940                | 143.47    | 2.7                 | AK 107       |            | 8P                   | 25                  | 585       | 57.42               | 1.05    |            |    |
| 5.8                  | 2490                | 121.46    | 3.2                 | AKF 107      | 29         |                      | 495                 | 48.89     | 1.20                |         |            |    |
| 6.2                  | 2300                | 112.41    | 3.5                 | AKA 107      | 32         |                      | 450                 | 44.43     | 1.35                |         |            |    |
|                      |                     |           |                     | AKAF 107     | 37         | 390                  | 38.49               | 1.55      | AK 57               |         |            |    |
|                      |                     |           |                     |              | 39         | 365                  | 35.70               | 1.65      | AKF 57              |         |            |    |
|                      |                     |           |                     |              | 47         | 310                  | 30.28               | 1.95      | AKA 57              |         |            |    |
|                      |                     |           |                     |              | 52         | 280                  | 27.34               | 2.2       | AKAF 57             |         |            |    |
|                      |                     |           |                     |              | 59         | 245                  | 24.05               | 2.5       |                     |         |            |    |
|                      |                     |           |                     |              | 62         | 230                  | 22.71               | 2.6       |                     |         |            |    |
|                      |                     |           |                     |              | 73         | 196                  | 19.34               | 2.9       |                     |         |            |    |
| 5.2                  | 2740                | 176.05    | 1.55                | AK 97        | 6P         | 36                   | 400                 | 39.61     | 1.00                |         | 4P         |    |
| 6.0                  | 2390                | 153.21    | 1.80                | AKF 97       |            | 40                   | 360                 | 35.39     | 1.10                |         |            |    |
| 6.6                  | 2180                | 140.28    | 1.95                | AKA 97       |            | 45                   | 320                 | 31.30     | 1.25                |         |            |    |
| 7.4                  | 1930                | 123.93    | 2.2                 | AKAF 97      |            | 48                   | 300                 | 29.32     | 1.35                |         |            |    |
|                      |                     |           |                     |              | 54         | 265                  | 25.91               | 1.50      | AK 47               |         |            |    |
|                      |                     |           |                     |              | 65         | 220                  | 21.81               | 1.80      | AKF 47              |         |            |    |
|                      |                     |           |                     |              | 72         | 199                  | 19.58               | 2.0       | AKA 47              |         |            |    |
|                      |                     |           |                     |              | 84         | 171                  | 16.86               | 2.2       | AKAF 47             |         |            |    |
|                      |                     |           |                     |              | 89         | 161                  | 15.86               | 2.4       |                     |         |            |    |
|                      |                     |           |                     |              | 103        | 139                  | 13.65               | 2.6       |                     |         |            |    |
|                      |                     |           |                     |              | 116        | 124                  | 12.19               | 2.8       |                     |         |            |    |
|                      |                     |           |                     |              | 120        | 120                  | 11.77               | 2.3       |                     |         |            |    |

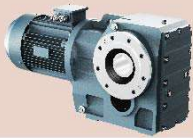
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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type   | Motor pole                           |       |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|--|--------------------------------------|-------|
| <b>1.5KW</b>         |                     |           |                     |              |            | <b>2.2KW</b>         |                     |           |                     |  |                                      |       |
| 60                   | 235                 | 23.36     | 0.80                |              | 4P         | 3.7                  | 5210                | 382       | 0.80                | AK97 AR57<br>AKF97 AR57<br>AKA97 AR57<br>AKAF97 AR57 | 4P                                   |       |
| 70                   | 205                 | 20.19     | 0.90                |              |            | 4.1                  | 4640                | 342       | 0.95                |  |                                      |       |
| 82                   | 174                 | 17.15     | 1.05                |              |            | 4.6                  | 4170                | 305       | 1.05                |  |                                      |       |
| 92                   | 156                 | 15.32     | 1.10                |              |            | 5.5                  | 3510                | 258       | 1.20                |  |                                      |       |
| 108                  | 133                 | 13.08     | 1.25                | AK 37        |            | 6.1                  | 3160                | 232       | 1.35                |  |                                      |       |
| 116                  | 123                 | 12.14     | 1.30                | AKF 37       |            | 7.1                  | 2710                | 199       | 1.60                |  |                                      |       |
| 134                  | 107                 | 10.49     | 1.50                | AKA 37       |            |                      |                     |           |                     |  |                                      |       |
| 158                  | 91                  | 8.91      | 1.75                | AKAF 37      |            |                      |                     |           |                     |  |                                      |       |
| 177                  | 81                  | 7.96      | 1.90                |              |            |                      |                     |           |                     |  |                                      |       |
| 207                  | 69                  | 6.80      | 2.2                 |              |            |                      |                     |           |                     |  |                                      |       |
| 221                  | 65                  | 6.37      | 2.2                 |              |            |                      |                     |           |                     |  |                                      |       |
| 263                  | 55                  | 5.36      | 2.6                 |              |            |                      |                     |           |                     |  |                                      |       |
| <b>2.2KW</b>         |                     |           |                     |              |            | <b>2.2KW</b>         |                     |           |                     |  |                                      |       |
| 0.32                 | 57900               | 4370      | 0.85                |              | 4P         | 4.9                  | 4310                | 143.47    | 1.85                | AK 107<br>AKF 107<br>AKA 107<br>AKAF 107             | 8P                                   |       |
| 0.50                 | 37000               | 2818      | 1.35                |              |            | 5.8                  | 3650                | 121.46    | 2.2                 |  |                                      |       |
| 0.39                 | 48800               | 3609      | 1.00                |              |            | 6.2                  | 3370                | 112.41    | 2.4                 |  |                                      |       |
| 0.46                 | 41300               | 3062      | 1.20                |              |            | 6.9                  | 3020                | 100.75    | 2.7                 |  |                                      |       |
| 0.56                 | 33800               | 2519      | 1.50                | AK187 AR97   |            | 6.1                  | 3420                | 153.21    | 1.25                |  |                                      | AK 97 |
| 0.62                 | 30400               | 2268      | 1.65                | AKA187 AR97  |            | 6.7                  | 3140                | 140.28    | 1.35                | AKF 97   |                                      |       |
| 0.69                 | 27400               | 2054      | 1.80                |              |            | 7.6                  | 2770                | 123.93    | 1.55                | AKA 97   |                                      |       |
| 0.77                 | 24200               | 1821      | 2.1                 |              |            |                      |                     |           |                     |  |                                      |       |
| 0.88                 | 21400               | 1605      | 2.3                 |              |            |                      |                     |           |                     |  |                                      |       |
| 0.51                 | 36600               | 2755      | 0.85                |              |            | 4P                   | 8.0                 | 2620      | 176.05              | 1.65   | AK 97<br>AKF 97<br>AKA 97<br>AKAF 97 | 4P    |
| 0.62                 | 29800               | 2263      | 1.05                |              | 9.2        |                      | 2280                | 153.21    | 1.90                |  |                                      |       |
| 0.65                 | 29500               | 2182      | 1.10                |              | 10         |                      | 2090                | 140.28    | 2.1                 |  |                                      |       |
| 0.83                 | 22900               | 1704      | 1.40                | AK167 AR97   | 11         |                      | 1850                | 123.93    | 2.3                 |  |                                      |       |
| 1.0                  | 19000               | 1408      | 1.70                | AKA167 AR97  | 13         |                      | 1570                | 105.13    | 2.8                 |  |                                      |       |
| 1.1                  | 17400               | 1296      | 1.85                |              | 15         |                      | 1440                | 96.80     | 3.0                 |  |                                      |       |
| 1.3                  | 14700               | 1101      | 2.2                 |              |            |                      |                     |           |                     |  |                                      |       |
| 1.5                  | 12600               | 944       | 2.5                 |              |            |                      |                     |           |                     |  |                                      |       |
| 0.51                 | 36600               | 2755      | 0.85                |              | 4P         |                      | 9.6                 | 2200      | 147.32              | 1.25   | AK 87<br>AKF 87<br>AKA 87<br>AKAF 87 | 4P    |
| 0.62                 | 29800               | 2263      | 1.05                |              |            |                      | 11                  | 1890      | 126.91              | 1.45   |                                      |       |
| 0.65                 | 29500               | 2182      | 1.10                |              |            | 12                   | 1730                | 115.82    | 1.55                |  |                                      |       |
| 0.83                 | 22900               | 1704      | 1.40                | AK167 AR97   |            | 14                   | 1530                | 102.71    | 1.75                |  |                                      |       |
| 1.0                  | 19000               | 1408      | 1.70                | AKA167 AR97  |            | 16                   | 1290                | 86.34     | 2.1                 |  |                                      |       |
| 1.1                  | 17400               | 1296      | 1.85                |              |            | 18                   | 1180                | 79.34     | 2.3                 |  |                                      |       |
| 1.3                  | 14700               | 1101      | 2.2                 |              |            | 20                   | 1050                | 70.46     | 2.6                 |  |                                      |       |
| 1.5                  | 12600               | 944       | 2.5                 |              |            | 22                   | 940                 | 63.00     | 2.9                 |  |                                      |       |
| 0.85                 | 22400               | 1659      | 0.80                |              |            | 4P                   | 12                  | 1690      | 113.56              | 0.90   | AK 77<br>AKF 77<br>AKA 77<br>AKAF 77 | 4P    |
| 1.0                  | 18300               | 1365      | 1.00                |              |            |                      | 15                  | 1450      | 97.05               | 1.05   |                                      |       |
| 1.1                  | 16500               | 1229      | 1.10                | AK157 AR97   | 16         |                      | 1330                | 88.97     | 1.15                |  |                                      |       |
| 1.3                  | 14600               | 1093      | 1.25                | AKF157 AR97  | 18         |                      | 1160                | 78.07     | 1.35                |  |                                      |       |
| 1.5                  | 12600               | 942       | 1.45                | AKA157 AR97  | 19         |                      | 1100                | 73.99     | 1.40                |  |                                      |       |
| 1.6                  | 11400               | 854       | 1.60                | AKAF157 AR97 | 22         |                      | 960                 | 64.76     | 1.60                |  |                                      |       |
| 1.9                  | 9990                | 756       | 1.80                |              | 24         |                      | 870                 | 58.34     | 1.80                |  |                                      |       |
| 2.6                  | 7180                | 536       | 1.80                |              | 28         |                      | 765                 | 51.18     | 2.0                 |  |                                      |       |
| 3.0                  | 6310                | 473       | 2.1                 | AK127 AR87   | 31         |                      | 675                 | 45.16     | 2.3                 |  |                                      |       |
| 3.4                  | 5600                | 418       | 2.3                 | AKF127 AR87  | 35         |                      | 595                 | 40.04     | 2.6                 |  |                                      |       |
| 3.8                  | 4950                | 367       | 2.6                 | AKA127 AR87  | 40         | 525                  | 35.19               | 3.0       |                     |  |                                      |       |
| 4.3                  | 4440                | 330       | 2.9                 | AKAF127 AR87 | 46         | 460                  | 30.88               | 3.4       |                     |  |                                      |       |
|                      |                     |           |                     |              | 48         | 435                  | 29.26               | 3.6       |                     |  |                                      |       |
|                      |                     |           |                     |              | 55         | 380                  | 25.61               | 4.1       |                     |  |                                      |       |
| 1.4                  | 14000               | 1025      | 0.95                |              | 4P         | 23                   | 900                 | 60.66     | 0.90                | AK 67<br>AKF 67<br>AKA 67<br>AKAF 67                 | 4P                                   |       |
| 1.6                  | 12200               | 899       | 1.05                |              |            | 25                   | 850                 | 57.28     | 0.95                |  |                                      |       |
| 1.8                  | 10700               | 790       | 1.20                | AK127 AR77   |            | 29                   | 725                 | 48.77     | 1.15                |  |                                      |       |
| 2.0                  | 9580                | 704       | 1.35                | AKF127 AR77  |            | 32                   | 660                 | 44.32     | 1.25                |  |                                      |       |
| 2.3                  | 8280                | 610       | 1.55                | AKA127 AR77  |            | 37                   | 570                 | 38.39     | 1.40                |  |                                      |       |
| 2.6                  | 7460                | 549       | 1.75                | AKAF127 AR77 |            | 40                   | 530                 | 35.61     | 1.55                |  |                                      |       |
| 3.0                  | 6460                | 477       | 2.0                 |              |            | 47                   | 450                 | 30.21     | 1.80                |  |                                      |       |
| 3.4                  | 5680                | 418       | 2.3                 |              |            | 52                   | 405                 | 27.27     | 2.0                 |  |                                      |       |
| 2.3                  | 8340                | 615       | 0.95                |              |            | 59                   | 360                 | 23.99     | 2.2                 |  |                                      |       |
| 2.7                  | 7070                | 522       | 1.15                |              |            | 62                   | 340                 | 22.66     | 2.3                 |  |                                      |       |
| 3.1                  | 6230                | 461       | 1.30                | AK107 AR77   | 73         | 285                  | 19.29               | 2.6       |                     |  |                                      |       |
| 3.5                  | 5520                | 408       | 1.45                | AKF107 AR77  | 80         | 260                  | 17.53               | 2.8       |                     |  |                                      |       |
| 3.9                  | 4940                | 364       | 1.60                | AKA107 AR77  | 93         | 225                  | 15.19               | 3.1       |                     |  |                                      |       |
| 4.4                  | 4320                | 318       | 1.85                | AKAF107 AR77 | 107        | 197                  | 13.22               | 3.4       |                     |  |                                      |       |
| 4.9                  | 3890                | 286       | 2.1                 |              | 113        | 186                  | 12.48               | 2.8       |                     |  |                                      |       |
| 5.6                  | 3410                | 251       | 2.3                 |              | 133        | 158                  | 10.63               | 3.2       |                     |  |                                      |       |
|                      |                     |           |                     |              | 146        | 144                  | 9.66                | 3.3       |                     |  |                                      |       |
|                      |                     |           |                     |              | 169        | 125                  | 8.37                | 3.5       |                     |  |                                      |       |
|                      |                     |           |                     |              | 194        | 109                  | 7.28                | 3.9       |                     |  |                                      |       |

AK



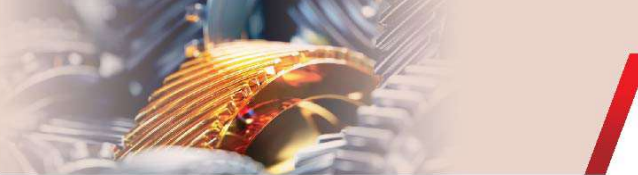
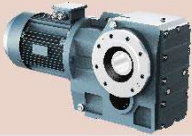
AK

| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type        | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type        | Motor pole |    |
|----------------------|---------------------|-----------|---------------------|-------------|------------|----------------------|---------------------|-----------|---------------------|-------------|------------|----|
| <b>2.2KW</b>         |                     |           |                     |             |            | <b>3.0KW</b>         |                     |           |                     |             |            |    |
| 32                   | 660                 | 44.43     | 0.90                |             |            | 1.8                  | 14800               | 790       | 0.90                |             |            |    |
| 37                   | 575                 | 38.49     | 1.05                |             |            | 2.0                  | 13200               | 704       | 1.00                | AK127 AR77  | 4P         |    |
| 39                   | 530                 | 35.70     | 1.15                |             |            | 2.3                  | 11400               | 610       | 1.15                | AKF127 AR77 |            |    |
| 47                   | 450                 | 30.28     | 1.35                |             |            | 2.5                  | 10300               | 549       | 1.25                | AKA127 AR77 |            |    |
| 52                   | 405                 | 27.34     | 1.45                | AK 57       | 4P         | 2.9                  | 8920                | 477       | 1.45                | AKAF127AR77 |            |    |
| 59                   | 360                 | 24.05     | 1.65                | AKF 57      |            | 3.3                  | 7840                | 418       | 1.65                |             |            |    |
| 62                   | 340                 | 22.71     | 1.75                | AKA 57      |            | 3.0                  | 8610                | 461       | 0.95                |             |            |    |
| 73                   | 290                 | 19.34     | 2.0                 | AKAF 57     |            | 3.4                  | 7620                | 408       | 1.05                |             |            |    |
| 80                   | 260                 | 17.57     | 2.1                 |             |            | 3.8                  | 6820                | 364       | 1.15                |             |            |    |
| 93                   | 225                 | 15.22     | 2.4                 |             |            | 4.4                  | 5960                | 318       | 1.35                |             |            |    |
| 106                  | 197                 | 13.25     | 2.6                 |             |            | 4.9                  | 5370                | 286       | 1.50                | AK107 AR77  | 4P         |    |
| 118                  | 178                 | 11.92     | 2.3                 |             | 5.6        | 4700                 | 251                 | 1.70      | AKF107 AR77         |             |            |    |
| 125                  | 168                 | 11.26     | 2.5                 |             | 6.3        | 4150                 | 222                 | 1.95      | AKA107 AR77         |             |            |    |
|                      |                     |           |                     |             | 7.1        | 3670                 | 196                 | 2.2       | AKAF107AR77         |             |            |    |
|                      |                     |           |                     |             | 8.1        | 3250                 | 174                 | 2.2       |                     |             |            |    |
|                      |                     |           |                     |             | 9.1        | 2880                 | 154                 | 2.5       |                     |             |            |    |
|                      |                     |           |                     |             | 10         | 2610                 | 140                 | 2.8       |                     |             |            |    |
| 54                   | 385                 | 25.91     | 1.05                |             |            | 5.4                  | 4840                | 258       | 0.90                | AK97 AR57   | 4P         |    |
| 65                   | 325                 | 21.81     | 1.25                |             |            | 6.0                  | 4360                | 232       | 1.00                | AKF97 AR57  |            |    |
| 72                   | 290                 | 19.58     | 1.35                |             |            | 7.0                  | 3740                | 199       | 1.15                | AKA97 AR57  |            |    |
| 84                   | 250                 | 16.86     | 1.50                | AK 47       | 4P         |                      |                     |           |                     | AKAF97AR57  |            |    |
| 89                   | 235                 | 15.86     | 1.60                | AKF 47      |            | 5.0                  | 5710                | 143.47    | 1.40                | AK 107      | 8P         |    |
| 103                  | 205                 | 13.65     | 1.75                | AKA 47      |            | 5.9                  | 4830                | 121.46    | 1.65                | AKF 107     |            |    |
| 116                  | 182                 | 12.19     | 1.95                | AKAF 47     |            | 6.4                  | 4470                | 112.41    | 1.80                | AKA 107     |            |    |
| 120                  | 175                 | 11.77     | 1.60                |             |            | 7.2                  | 4010                | 100.75    | 2.0                 | AKAF 107    |            |    |
| 133                  | 157                 | 10.56     | 1.80                |             |            | 7.9                  | 3620                | 90.96     | 2.2                 |             |            |    |
| 155                  | 136                 | 9.10      | 2.1                 |             |            | 6.6                  | 4370                | 143.47    | 1.85                | AK 107      | 6P         |    |
|                      |                     |           |                     |             |            | 7.7                  | 3700                | 121.46    | 2.2                 | AKF 107     |            |    |
|                      |                     |           |                     |             | 8.4        | 3430                 | 112.41              | 2.3       | AKA 107             |             |            |    |
|                      |                     |           |                     |             | 9.3        | 3070                 | 100.75              | 2.6       | AKAF 107            |             |            |    |
| 108                  | 195                 | 13.08     | 0.85                |             |            | 9.8                  | 2940                | 143.47    | 2.7                 | AK 107      | 4P         |    |
| 134                  | 156                 | 10.49     | 1.00                |             |            | 12                   | 2490                | 121.46    | 3.2                 | AKF 107     |            |    |
| 158                  | 133                 | 8.91      | 1.20                | AK 37       | 4P         |                      |                     |           |                     | AKA 107     |            |    |
| 177                  | 119                 | 7.96      | 1.30                | AKF 37      |            | 7.6                  | 3780                | 123.93    | 1.15                | AK 97       | 6P         |    |
| 207                  | 101                 | 6.80      | 1.50                | AKA 37      |            | 8.9                  | 3200                | 105.13    | 1.35                | AKF 97      |            |    |
| 221                  | 95                  | 6.37      | 1.55                | AKAF 37     |            | 9.7                  | 2950                | 96.80     | 1.45                | AKA 97      |            |    |
| 263                  | 80                  | 5.36      | 1.75                |             |            | 11                   | 2640                | 86.52     | 1.65                | AKAF 97     |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |             |            |    |
| <b>3.0KW</b>         |                     |           |                     |             |            | <b>3.0KW</b>         |                     |           |                     |             |            |    |
| 0.50                 | 51300               | 2818      | 0.95                |             |            | 7.9                  | 3600                | 176.05    | 1.20                |             | 4P         |    |
| 0.46                 | 57100               | 3062      | 0.90                |             |            | 9.1                  | 3140                | 153.21    | 1.35                |             |            |    |
| 0.56                 | 46800               | 2519      | 1.05                | AK187 AR97  | 4P         | 10                   | 2870                | 140.28    | 1.50                |             |            |    |
| 0.62                 | 42100               | 2268      | 1.20                | AKA187 AR97 |            | 11                   | 2540                | 123.93    | 1.70                |             |            |    |
| 0.68                 | 38000               | 2054      | 1.30                |             |            | 13                   | 2150                | 105.13    | 2.0                 | AK 97       |            |    |
| 0.77                 | 33600               | 1821      | 1.50                |             |            | 14                   | 1980                | 96.80     | 2.2                 | AKF 97      |            |    |
| 0.87                 | 29700               | 1605      | 1.70                |             |            | 16                   | 1770                | 86.52     | 2.4                 | AKA 97      |            |    |
| 1.0                  | 25600               | 1395      | 1.95                |             |            | 18                   | 1590                | 77.89     | 2.7                 | AKAF 97     |            |    |
| 1.2                  | 22100               | 1196      | 2.3                 |             |            | 20                   | 1440                | 70.54     | 3.0                 |             |            |    |
|                      |                     |           |                     |             |            | 22                   | 1280                | 62.55     | 3.4                 |             |            |    |
|                      |                     |           |                     |             |            | 25                   | 1160                | 56.55     | 3.7                 |             |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |             |            |    |
| 0.82                 | 31700               | 1704      | 1.00                |             |            |                      | 9.5                 | 3010      | 147.33              | 0.90        |            | 4P |
| 0.99                 | 26200               | 1408      | 1.20                |             |            |                      | 11                  | 2600      | 126.91              | 1.05        |            |    |
| 1.1                  | 24100               | 1296      | 1.35                |             |            | 12                   | 2370                | 115.82    | 1.15                |             |            |    |
| 1.3                  | 20300               | 1101      | 1.55                | AK167 AR97  | 4P         | 14                   | 2100                | 102.71    | 1.30                |             |            |    |
| 1.5                  | 17500               | 944       | 1.85                | AKA167 AR97 |            | 16                   | 1770                | 86.34     | 1.55                | AK 87       |            |    |
| 1.7                  | 15500               | 843       | 2.1                 |             |            | 18                   | 1620                | 79.34     | 1.65                | AKF 87      |            |    |
| 1.9                  | 14000               | 757       | 2.3                 |             |            | 20                   | 1440                | 70.46     | 1.85                | AKA 87      |            |    |
|                      |                     |           |                     |             |            | 22                   | 1290                | 63.00     | 2.1                 | AKAF 87     |            |    |
|                      |                     |           |                     |             |            | 25                   | 1160                | 56.64     | 2.3                 |             |            |    |
| 1.1                  | 22800               | 1229      | 0.80                |             |            |                      | 28                  | 1010      | 49.16               | 2.7         |            |    |
| 1.3                  | 20300               | 1093      | 0.90                | AK157 AR97  |            | 4P                   | 32                  | 900       | 44.02               | 2.9         |            |    |
| 1.5                  | 17500               | 942       | 1.05                | AKF157 AR97 |            |                      | 38                  | 745       | 36.52               | 3.3         |            |    |
| 1.6                  | 15800               | 854       | 1.15                | AKA157 AR97 |            |                      |                     |           |                     |             |            |    |
| 1.9                  | 13900               | 756       | 1.30                | AKAF157AR97 |            |                      |                     |           |                     |             |            |    |
| 2.5                  | 10500               | 567       | 1.70                |             |            |                      |                     |           |                     |             |            |    |
| 2.8                  | 9310                | 504       | 1.95                |             |            |                      |                     |           |                     |             |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |             |            |    |
| 2.6                  | 9940                | 536       | 1.30                |             |            |                      |                     |           |                     |             |            |    |
| 3.0                  | 8750                | 473       | 1.50                | AK127 AR77  | 4P         |                      |                     |           |                     |             |            |    |
| 3.3                  | 7760                | 418       | 1.70                | AKF127 AR77 |            |                      |                     |           |                     |             |            |    |
| 3.8                  | 6840                | 367       | 1.90                | AKA127 AR77 |            |                      |                     |           |                     |             |            |    |
| 4.2                  | 6140                | 330       | 2.1                 | AKAF127AR77 |            |                      |                     |           |                     |             |            |    |
| 4.9                  | 5300                | 287       | 2.5                 |             |            |                      |                     |           |                     |             |            |    |
|                      |                     |           |                     |             |            |                      |                     |           |                     |             |            |    |



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole |
|----------------------|---------------------|-----------|---------------------|------|------------|----------------------|---------------------|-----------|---------------------|--------------|------------|
| <b>4.0KW</b>         |                     |           |                     |      |            | <b>5.5KW</b>         |                     |           |                     |              |            |
| 9.9                  | 3860                | 143.47    | 2.1                 |      |            | 0.79                 | 61100               | 1821      | 0.80                |              |            |
| 12                   | 3270                | 121.46    | 2.5                 |      |            | 0.89                 | 53900               | 1605      | 0.95                |              |            |
| 13                   | 3020                | 112.41    | 2.7                 |      |            | 1.0                  | 46700               | 1395      | 1.05                |              |            |
| 14                   | 2710                | 100.75    | 3.0                 | AK   | 107        | 1.2                  | 40100               | 1196      | 1.25                | AK187 AR97   | 4P         |
| 16                   | 2450                | 90.96     | 3.3                 | AKF  | 107        | 1.4                  | 35100               | 1046      | 1.45                | AKA187 AR97  | 4P         |
| 17                   | 2220                | 82.61     | 3.6                 | AKA  | 107        | 1.5                  | 31700               | 945       | 1.60                |              |            |
| 19                   | 1970                | 73.30     | 4.1                 | AKAF | 107        | 1.9                  | 24800               | 738       | 2.0                 |              |            |
|                      |                     |           |                     |      |            | 2.3                  | 20800               | 621       | 2.4                 |              |            |
| 9.3                  | 4120                | 153.21    | 1.05                |      |            | 1.3                  | 36900               | 1101      | 0.85                |              |            |
| 10                   | 3770                | 140.28    | 1.15                |      |            | 1.5                  | 31700               | 944       | 1.00                |              |            |
| 11                   | 3330                | 123.93    | 1.30                | AK   | 97         | 1.7                  | 28200               | 843       | 1.15                |              |            |
| 14                   | 2830                | 105.13    | 1.50                | AKF  | 97         | 1.9                  | 25400               | 757       | 1.25                | AK167 AR97   | 4P         |
| 15                   | 2800                | 96.80     | 1.65                | AKA  | 97         | 2.3                  | 21200               | 632       | 1.50                | AKA167 AR97  | 4P         |
| 16                   | 2330                | 86.52     | 1.85                | AKAF | 97         | 2.5                  | 18700               | 561       | 1.70                |              |            |
| 18                   | 2100                | 77.89     | 2.0                 |      |            | 3.0                  | 16100               | 481       | 2.0                 |              |            |
| 20                   | 1900                | 70.54     | 2.3                 |      |            | 3.4                  | 14100               | 423       | 2.3                 |              |            |
| 12                   | 3120                | 115.82    | 0.85                |      |            | 2.2                  | 22100               | 661       | 0.80                |              |            |
| 14                   | 2760                | 102.71    | 1.00                |      |            | 2.5                  | 19000               | 567       | 0.95                | AK157 AR97   | 4P         |
| 16                   | 2320                | 86.34     | 1.15                |      |            | 2.8                  | 16900               | 504       | 1.05                | AKF157 AR97  | 4P         |
| 18                   | 2130                | 79.34     | 1.25                | AK   | 87         | 3.3                  | 14500               | 434       | 1.25                | AKA157 AR97  | 4P         |
| 20                   | 1900                | 70.46     | 1.40                | AKF  | 87         | 3.8                  | 12700               | 379       | 1.40                | AKAF157 AR97 | 4P         |
| 23                   | 1690                | 63.00     | 1.60                | AKA  | 87         | 4.3                  | 11100               | 333       | 1.60                |              |            |
| 25                   | 1520                | 56.64     | 1.75                | AKAF | 87         |                      |                     |           |                     |              |            |
| 29                   | 1320                | 49.16     | 2.0                 |      |            | 3.4                  | 14100               | 418       | 0.90                |              |            |
| 32                   | 1180                | 44.02     | 2.2                 |      |            | 3.9                  | 12400               | 367       | 1.05                |              |            |
| 39                   | 980                 | 36.52     | 2.5                 |      |            | 4.3                  | 11100               | 330       | 1.15                | AK127 AR77   | 4P         |
| 22                   | 1740                | 64.76     | 0.90                |      |            | 5.0                  | 9620                | 287       | 1.35                | AKF127 AR77  | 4P         |
| 24                   | 1570                | 58.34     | 1.00                |      |            | 5.6                  | 8510                | 253       | 1.55                | AKA127 AR77  | 4P         |
| 28                   | 1380                | 51.18     | 1.15                |      |            | 6.7                  | 7150                | 213       | 1.80                | AKAF127 AR77 | 4P         |
| 31                   | 1210                | 45.16     | 1.30                |      |            | 7.1                  | 6740                | 200       | 1.80                |              |            |
| 35                   | 1080                | 40.04     | 1.45                | AK   | 77         | 8.6                  | 5580                | 166       | 2.2                 |              |            |
| 37                   | 1030                | 38.39     | 1.45                | AKF  | 77         | 9.8                  | 4920                | 147       | 2.4                 |              |            |
| 40                   | 950                 | 35.19     | 1.65                | AKA  | 77         |                      |                     |           |                     |              |            |
| 46                   | 830                 | 30.88     | 1.85                | AKAF | 77         | 6.4                  | 7490                | 222       | 1.05                | AK107 AR77   | 4P         |
| 49                   | 785                 | 29.26     | 1.95                |      |            | 7.3                  | 6640                | 196       | 1.20                | AKF107 AR77  | 4P         |
| 55                   | 690                 | 25.61     | 2.2                 |      |            | 8.2                  | 5870                | 174       | 1.25                | AKA107 AR77  | 4P         |
| 62                   | 620                 | 23.08     | 2.5                 |      |            | 9.3                  | 5200                | 154       | 1.40                | AKAF107 AR77 | 4P         |
| 70                   | 545                 | 20.24     | 2.8                 |      |            | 10                   | 4720                | 140       | 1.55                |              |            |
| 47                   | 810                 | 30.21     | 1.00                |      |            | 4.7                  | 11100               | 150.41    | 1.60                | AK 157       | 8P         |
| 52                   | 735                 | 27.27     | 1.10                |      |            | 5.8                  | 9050                | 122.39    | 2.0                 | AKF 157      | 8P         |
| 59                   | 645                 | 23.99     | 1.25                |      |            | 7.1                  | 7410                | 100.22    | 2.4                 | AKA 157      | 8P         |
| 63                   | 610                 | 22.66     | 1.30                |      |            | 7.8                  | 6780                | 91.65     | 2.7                 | AKAF 157     | 8P         |
| 74                   | 520                 | 19.29     | 1.45                | AK   | 67         |                      |                     |           |                     |              |            |
| 81                   | 470                 | 17.53     | 1.55                | AKF  | 67         | 5.2                  | 10100               | 136.35    | 1.30                | AK 127       | 8P         |
| 94                   | 410                 | 15.19     | 1.70                | AKA  | 67         | 5.8                  | 9060                | 122.67    | 1.45                | AKF 127      | 8P         |
| 107                  | 355                 | 13.22     | 1.90                | AKAF | 67         | 6.4                  | 8150                | 110.35    | 1.60                | AKA 127      | 8P         |
| 114                  | 335                 | 12.48     | 1.60                |      |            | 7.9                  | 6650                | 90.03     | 1.95                | AKAF 127     | 8P         |
| 134                  | 285                 | 10.63     | 1.75                |      |            |                      |                     |           |                     |              |            |
| 147                  | 260                 | 9.66      | 1.85                |      |            | 7.1                  | 7450                | 136.35    | 1.75                | AK 127       | 6P         |
| 170                  | 225                 | 8.37      | 1.95                |      |            | 7.8                  | 6700                | 122.67    | 1.95                | AKF 127      | 6P         |
| 195                  | 196                 | 7.28      | 2.1                 |      |            | 8.7                  | 6030                | 110.35    | 2.2                 | AKA 127      | 6P         |
|                      |                     |           |                     |      |            | 11                   | 4920                | 90.03     | 2.6                 | AKAF 127     | 6P         |
| 59                   | 645                 | 24.05     | 0.95                |      |            | 8.5                  | 6150                | 112.41    | 1.30                | AK 107       | 6P         |
| 63                   | 610                 | 22.71     | 1.00                |      |            | 9.5                  | 5510                | 100.75    | 1.45                | AKF 107      | 6P         |
| 73                   | 520                 | 19.34     | 1.10                |      |            | 11                   | 4980                | 90.96     | 1.60                | AKA 107      | 6P         |
| 81                   | 475                 | 17.57     | 1.15                | AK   | 57         | 12                   | 4520                | 82.61     | 1.75                | AKAF 107     | 6P         |
| 93                   | 410                 | 15.22     | 1.30                | AKF  | 57         |                      |                     |           |                     |              |            |
| 107                  | 355                 | 13.25     | 1.45                | AKA  | 57         | 10                   | 5270                | 143.47    | 1.50                |              |            |
| 119                  | 320                 | 11.92     | 1.30                | AKAF | 57         | 12                   | 4460                | 121.46    | 1.80                | AK 107       | 4P         |
| 126                  | 305                 | 11.26     | 1.35                |      |            | 13                   | 4130                | 112.41    | 1.95                | AKF 107      | 4P         |
| 148                  | 260                 | 9.59      | 1.55                |      |            | 14                   | 3700                | 100.75    | 2.2                 | AKA 107      | 4P         |
| 163                  | 235                 | 8.71      | 1.65                |      |            | 16                   | 3340                | 90.96     | 2.4                 | AKAF 107     | 4P         |
| 188                  | 205                 | 7.55      | 1.80                |      |            | 17                   | 3030                | 82.61     | 2.6                 |              |            |
| 216                  | 177                 | 6.57      | 1.95                |      |            |                      |                     |           |                     |              |            |

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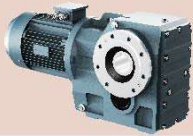
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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole |            |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|--------------|------------|------------|
| <b>5.5KW</b>         |                     |           |                     |              |            | <b>7.5KW</b>         |                     |           |                     |              |            |            |
| 12                   | 4550                | 123.93    | 0.95                |              | 4P         | 1.7                  | 38700               | 843       | 0.85                |              | 4P         |            |
| 14                   | 3860                | 105.13    | 1.10                |              |            | 1.9                  | 34700               | 757       | 0.90                |              |            |            |
| 15                   | 3560                | 93.80     | 1.20                |              |            | 2.3                  | 29000               | 632       | 1.10                |              |            |            |
| 17                   | 3180                | 86.52     | 1.35                | AK 97        |            | 2.5                  | 25700               | 561       | 1.25                | AK167 AR97   |            |            |
| 18                   | 2860                | 77.89     | 1.50                | AKF 97       |            | 3.0                  | 22100               | 481       | 1.45                | AKA167 AR97  |            |            |
| 20                   | 2590                | 70.54     | 1.65                | AKA 97       |            | 3.4                  | 19400               | 423       | 1.65                |              |            |            |
| 23                   | 2300                | 62.55     | 1.85                | AKAF 97      |            | 3.9                  | 16900               | 369       | 1.90                |              |            |            |
| 25                   | 2080                | 56.55     | 2.1                 |              |            |                      |                     |           |                     |              |            |            |
| 30                   | 1760                | 47.93     | 2.4                 |              |            |                      |                     |           |                     |              |            |            |
|                      |                     |           |                     |              |            |                      | 3.3                 | 19900     | 434                 | 0.90         |            | AK157 AR97 |
|                      |                     |           |                     |              |            | 3.8                  | 17400               | 379       | 1.05                | AKF157 AR97  |            |            |
|                      |                     |           |                     |              |            | 4.3                  | 15300               | 333       | 1.20                | AKA157 AR97  |            |            |
|                      |                     |           |                     |              |            | 4.9                  | 13300               | 291       | 1.35                | AKAF157 AR97 |            |            |
| 17                   | 3170                | 86.34     | 0.85                |              | 4P         | 4.3                  | 15200               | 330       | 0.85                |              | 4P         |            |
| 18                   | 2910                | 79.34     | 0.95                |              |            | 5.0                  | 13200               | 287       | 1.00                |              |            |            |
| 20                   | 2590                | 70.46     | 1.05                |              |            | 5.6                  | 11600               | 253       | 1.10                |              |            |            |
| 23                   | 2310                | 63.00     | 1.15                | AK 87        |            | 6.7                  | 9790                | 213       | 1.35                | AK127 AR77   |            |            |
| 25                   | 2080                | 56.64     | 1.30                | AKF 87       |            | 7.1                  | 9220                | 200       | 1.30                | AKF127 AR77  |            |            |
| 29                   | 1810                | 49.16     | 1.50                | AKA 87       |            | 8.6                  | 7640                | 166       | 1.55                | AKA127 AR77  |            |            |
| 32                   | 1620                | 44.02     | 1.60                | AKAF 87      |            | 9.8                  | 6740                | 147       | 1.80                | AKAF127 AR77 |            |            |
| 39                   | 1340                | 36.52     | 1.85                |              |            |                      |                     |           |                     |              |            |            |
| 46                   | 1150                | 31.38     | 2.3                 |              |            |                      |                     |           |                     |              |            |            |
| 51                   | 1020                | 27.87     | 2.5                 |              |            |                      |                     |           |                     |              |            |            |
| 32                   | 1660                | 45.16     | 0.95                |              | 4P         | 4.4                  | 16400               | 164.50    | 1.95                | AK 167       | 8P         |            |
| 36                   | 1470                | 40.04     | 1.05                |              |            | 5.3                  | 13400               | 134.99    | 2.4                 | AKF 167      |            |            |
| 46                   | 1130                | 30.88     | 1.35                |              |            |                      |                     |           |                     | AKA 157      | 6P         |            |
| 49                   | 1070                | 29.26     | 1.45                |              |            | 5.8                  | 12300               | 164.50    | 2.6                 | AKAF 167     |            |            |
| 56                   | 940                 | 25.61     | 1.65                | AK 77        |            | 7.1                  | 10100               | 134.99    | 3.2                 | AKF 167      |            |            |
| 62                   | 850                 | 23.08     | 1.85                | AKF 77       |            |                      |                     |           |                     | AKA 157      | 6P         |            |
| 71                   | 745                 | 20.24     | 2.0                 | AKA 77       |            | 6.4                  | 11200               | 150.41    | 1.60                | AK 157       |            |            |
| 80                   | 655                 | 17.86     | 2.2                 | AKAF 77      |            | 7.8                  | 9130                | 122.39    | 1.95                | AKF 157      |            |            |
| 90                   | 580                 | 15.84     | 2.4                 |              |            | 9.6                  | 7480                | 100.22    | 2.4                 | AKA 157      |            |            |
| 106                  | 495                 | 13.52     | 2.7                 |              |            | 10                   | 6840                | 91.65     | 2.6                 | AKAF 157     |            |            |
| 116                  | 455                 | 12.33     | 2.2                 |              | 12         | 5950                 | 79.65               | 3.0       |                     |              |            |            |
| 132                  | 400                 | 10.81     | 2.5                 |              |            |                      |                     |           |                     |              |            |            |
| 60                   | 880                 | 23.99     | 0.90                |              | 4P         | 7.1                  | 10200               | 136.35    | 1.30                | AK 127       | 6P         |            |
| 63                   | 830                 | 22.66     | 0.95                |              |            | 7.8                  | 9140                | 122.67    | 1.40                | AKF 127      |            |            |
| 74                   | 710                 | 19.29     | 1.05                |              |            | 8.7                  | 8220                | 110.35    | 1.60                | AKA 127      |            |            |
| 82                   | 645                 | 17.53     | 1.15                | AK 67        |            | 11                   | 6710                | 90.03     | 1.95                | AKAF 127     |            |            |
| 94                   | 560                 | 15.19     | 1.25                | AKF 67       |            |                      |                     |           |                     |              | 4P         |            |
| 108                  | 485                 | 13.22     | 1.40                | AKA 67       |            | 9.8                  | 7320                | 146.30    | 1.80                |              |            |            |
| 115                  | 460                 | 12.48     | 1.15                | AKAF 67      |            | 11                   | 6820                | 136.35    | 1.90                | AK 127       |            |            |
| 135                  | 390                 | 10.63     | 1.30                |              |            | 12                   | 6130                | 122.67    | 2.1                 | AKF 127      |            |            |
| 148                  | 355                 | 9.66      | 1.35                |              |            | 13                   | 5520                | 110.35    | 2.4                 | AKA 127      |            |            |
| 171                  | 305                 | 8.37      | 1.45                |              |            | 16                   | 4500                | 90.03     | 2.9                 | AKAF 127     |            |            |
| 196                  | 265                 | 7.28      | 1.55                |              | 17         | 4110                 | 82.11               | 3.2       |                     |              |            |            |
|                      |                     |           |                     |              | 20         | 3550                 | 71.06               | 3.7       |                     |              |            |            |
| 81                   | 645                 | 17.57     | 0.85                |              | 4P         | 10                   | 7190                | 143.47    | 1.10                |              | 4P         |            |
| 94                   | 560                 | 15.22     | 0.95                |              |            | 12                   | 6080                | 121.46    | 1.30                |              |            |            |
| 108                  | 485                 | 13.25     | 1.05                | AK 57        |            | 13                   | 5630                | 112.41    | 1.40                |              |            |            |
| 120                  | 440                 | 11.92     | 0.95                | AKF 57       |            | 14                   | 5050                | 100.75    | 1.60                |              |            |            |
| 127                  | 415                 | 11.26     | 1.00                | AKA 57       |            | 16                   | 4560                | 90.96     | 1.75                | AK 107       |            |            |
| 149                  | 35                  | 9.59      | 1.15                | AKAF 57      |            | 17                   | 4140                | 82.61     | 1.95                | AKF 107      |            |            |
| 164                  | 320                 | 8.71      | 1.20                |              |            | 20                   | 3670                | 73.30     | 2.2                 | AKA 107      |            |            |
| 190                  | 275                 | 7.55      | 1.30                |              |            | 22                   | 3330                | 66.52     | 2.4                 | AKAF 107     |            |            |
| 218                  | 240                 | 6.57      | 1.45                |              |            | 25                   | 2860                | 57.17     | 2.8                 |              |            |            |
|                      |                     |           |                     |              |            | 29                   | 2500                | 49.90     | 3.1                 |              |            |            |
| <b>7.5KW</b>         |                     |           |                     |              |            | 34                   | 2120                | 42.33     | 3.5                 |              |            |            |
| 1.7                  | 38200               | 835       | 1.30                |              | 4P         | 39                   | 1850                | 37.00     | 3.9                 |              |            |            |
| 2.0                  | 33300               | 729       | 1.50                | AK187 AR107  |            |                      |                     |           |                     |              |            |            |
| 2.3                  | 28400               | 622       | 1.75                | AKA187 AR107 |            |                      |                     |           |                     |              |            |            |
| 1.2                  | 55000               | 1196      | 0.90                |              | 4P         | 15                   | 4850                | 96.80     | 0.90                | AK 97        | 4P         |            |
| 1.4                  | 48000               | 1046      | 1.05                |              |            | 17                   | 4330                | 86.52     | 1.00                | AKF 97       |            |            |
| 1.5                  | 43400               | 945       | 1.15                |              |            | 18                   | 3900                | 77.89     | 1.10                | AKA 97       |            |            |
| 1.9                  | 33900               | 738       | 1.45                | AK187 AR97   |            | 20                   | 3530                | 70.54     | 1.20                | AKAF 97      |            |            |
| 2.3                  | 28500               | 621       | 1.75                | AKA187 AR97  |            |                      |                     |           |                     |              |            |            |
| 2.7                  | 24100               | 527       | 2.1                 |              |            |                      |                     |           |                     |              |            |            |
|                      |                     |           |                     |              |            |                      |                     |           |                     |              |            |            |



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fa) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fa) | Type     | Motor pole |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|----------|------------|
| <b>7.5KW</b>         |                     |           |                     |              |            | <b>11KW</b>          |                     |           |                     |          |            |
| 25                   | 2830                | 56.55     | 1.50                | AK 97        | 4P         | 5.3                  | 19700               | 134.99    | 1.60                | AK 167   | 8P         |
| 30                   | 2400                | 47.93     | 1.80                | AKF 97       |            | 6.6                  | 16000               | 109.83    | 2.0                 | AKA 167  |            |
| 34                   | 2100                | 41.87     | 2.0                 | AKA 97       |            | 5.8                  | 18000               | 164.50    | 1.80                | AK 167   | 6P         |
| 37                   | 1920                | 38.29     | 2.2                 | AKA 97       |            | 7.1                  | 14800               | 134.99    | 2.2                 | AKA 167  |            |
| 42                   | 1710                | 34.22     | 2.5                 | AKAF 97      |            | 8.8                  | 12000               | 164.50    | 2.7                 | AK 167   | 4P         |
| 23                   | 3160                | 63.00     | 0.85                |              | 4P         | 11                   | 9850                | 134.99    | 3.2                 | AKA 167  |            |
| 25                   | 2840                | 56.64     | 0.95                |              |            | 5.9                  | 17900               | 122.39    | 1.00                | AK 157   | 8P         |
| 29                   | 2460                | 49.16     | 1.10                |              |            | 7.2                  | 14600               | 100.22    | 1.25                | AKF 157  |            |
| 32                   | 2200                | 44.02     | 1.20                |              |            | 7.9                  | 13400               | 91.65     | 1.35                | AKA 157  |            |
| 39                   | 1830                | 36.52     | 1.35                |              |            | 9.0                  | 11600               | 79.75     | 1.55                | AKAF 157 |            |
| 46                   | 1570                | 31.38     | 1.70                | AK 87        |            | 6.4                  | 16500               | 150.41    | 1.10                | AK 157   | 6P         |
| 51                   | 1400                | 27.87     | 1.85                | AKF 87       |            | 7.8                  | 13400               | 122.39    | 1.35                | AKF 157  |            |
| 57                   | 1250                | 24.92     | 2.0                 | AKA 87       |            | 9.6                  | 11000               | 100.22    | 1.65                | AKA 157  |            |
| 64                   | 1120                | 22.40     | 2.0                 | AKAF 87      |            | 10                   | 10000               | 91.65     | 1.80                | AKAF 157 |            |
| 74                   | 970                 | 19.45     | 2.4                 |              |            | 12                   | 8730                | 79.75     | 2.1                 |          |            |
| 82                   | 870                 | 17.41     | 2.5                 |              |            | 9.6                  | 11000               | 150.41    | 1.65                | AK 157   | 4P         |
| 89                   | 800                 | 16.00     | 2.2                 |              |            | 12                   | 8930                | 122.39    | 2.0                 | AKF 157  |            |
| 99                   | 725                 | 14.44     | 2.9                 |              |            | 14                   | 7310                | 100.22    | 2.5                 | AKA 157  |            |
|                      |                     |           |                     |              | 16         | 6690                 | 91.65               | 2.7       | AKAF 157            |          |            |
| 46                   | 1550                | 30.88     | 1.00                |              | 4P         | 11                   | 9930                | 136.35    | 1.30                |          | 4P         |
| 49                   | 1470                | 29.26     | 1.05                |              |            | 12                   | 8930                | 122.67    | 1.45                | AK 127   |            |
| 56                   | 1280                | 25.61     | 1.20                |              |            | 13                   | 8040                | 110.35    | 1.60                | AKF 127  |            |
| 62                   | 1160                | 23.08     | 1.35                |              |            | 16                   | 6560                | 90.03     | 2.0                 | AKA 127  |            |
| 71                   | 1010                | 20.24     | 1.50                | AK 77        |            | 18                   | 5980                | 82.11     | 2.2                 | AKAF 127 |            |
| 80                   | 890                 | 17.86     | 1.60                | AKF 77       |            | 20                   | 5180                | 71.06     | 2.5                 |          |            |
| 90                   | 795                 | 15.84     | 1.75                | AKA 77       |            | 13                   | 8200                | 112.41    | 1.00                |          | 4P         |
| 106                  | 675                 | 13.52     | 2.0                 | AKAF 77      |            | 14                   | 7350                | 100.75    | 1.10                |          |            |
| 116                  | 620                 | 12.33     | 1.60                |              |            | 16                   | 6630                | 90.96     | 1.20                |          |            |
| 132                  | 545                 | 10.81     | 1.80                |              |            | 17                   | 6030                | 82.61     | 1.35                | AK 107   |            |
| 150                  | 480                 | 9.54      | 1.95                |              |            | 20                   | 5350                | 73.30     | 1.50                | AKF 107  |            |
| 169                  | 425                 | 8.46      | 2.13                |              | 22         | 4850                 | 66.52               | 1.65      | AKA 107             |          |            |
| 198                  | 365                 | 7.22      | 2.3                 |              | 25         | 4170                 | 57.17               | 1.90      | AKAF 107            |          |            |
| <b>11KW</b>          |                     |           |                     |              |            | 29                   | 3640                | 49.90     | 2.2                 |          | 4P         |
| 1.7                  | 55900               | 835       | 0.90                |              | 34         | 3090                 | 42.33               | 2.4       |                     |          |            |
| 2.0                  | 48800               | 729       | 1.05                |              | 39         | 2700                 | 37.00               | 2.7       |                     |          |            |
| 2.3                  | 41600               | 622       | 1.20                | AK187 AR107  | 20         | 5150                 | 70.54               | 0.85      |                     |          |            |
| 2.8                  | 34800               | 520       | 1.45                | AKA187 AR107 | 23         | 4560                 | 62.55               | 0.95      |                     |          |            |
| 3.2                  | 30400               | 454       | 1.65                |              | 25         | 4130                 | 56.55               | 1.05      |                     |          |            |
| 4.1                  | 23800               | 355       | 2.1                 |              | 30         | 3500                 | 47.93               | 1.25      |                     |          |            |
| 2.0                  | 49600               | 738       | 1.00                |              | 34         | 3050                 | 41.87               | 1.40      | AK 97               |          |            |
| 2.3                  | 41700               | 621       | 1.20                | AK187 AR97   | 38         | 2790                 | 38.29               | 1.55      | AKF 97              |          |            |
| 2.7                  | 35300               | 527       | 1.40                | AKA187 AR97  | 42         | 2500                 | 34.22               | 1.70      | AKA 97              |          |            |
| 4.5                  | 21300               | 318       | 1.50                |              | 47         | 2250                 | 30.81               | 1.90      | AKAF 97             |          |            |
| 5.2                  | 18600               | 278       | 1.70                |              | 52         | 2040                 | 27.90               | 2.1       |                     |          |            |
| 5.9                  | 16300               | 244       | 1.95                | AK167 AR107  | 58         | 1800                 | 24.74               | 2.4       |                     |          |            |
| 6.8                  | 14200               | 213       | 2.2                 | AKA167 AR107 | 64         | 1630                 | 22.37               | 2.6       |                     |          |            |
| 7.0                  | 13700               | 206       | 2.3                 |              | 33         | 3210                 | 44.02               | 0.80      |                     | 4P       |            |
| 2.6                  | 37500               | 561       | 0.85                |              | 39         | 2660                 | 36.52               | 0.95      |                     |          |            |
| 3.0                  | 32300               | 481       | 1.00                |              | 46         | 2290                 | 31.38               | 1.20      |                     |          |            |
| 3.4                  | 28300               | 423       | 1.15                | AK167 AR97   | 52         | 2030                 | 27.87               | 1.30      |                     |          |            |
| 3.9                  | 24700               | 369       | 1.30                | AKA167 AR97  | 58         | 1820                 | 24.92               | 1.40      | AK 87               |          |            |
| 4.3                  | 22300               | 333       | 0.80                | AK157 AR97   | 64         | 1630                 | 22.40               | 1.40      | AKF 87              |          |            |
| 4.9                  | 19500               | 291       | 0.90                | AKF157 AR97  | 74         | 1420                 | 19.45               | 1.60      | AKA 87              |          |            |
|                      |                     |           |                     | AKA157 AR97  | 83         | 1270                 | 17.41               | 1.75      | AKAF 87             |          |            |
|                      |                     |           |                     | AKAF157 AR97 | 90         | 1170                 | 16.00               | 1.55      |                     |          |            |
| 6.8                  | 14300               | 213       | 0.90                | AK127 AR87   | 100        | 1050                 | 14.44               | 2.0       |                     |          |            |
| 7.2                  | 13500               | 200       | 0.90                | AKF127 AR87  | 115        | 920                  | 12.56               | 2.2       |                     |          |            |
| 8.7                  | 11200               | 166       | 1.10                | AKA127 AR87  | 129        | 810                  | 11.16               | 1.85      |                     |          |            |
| 9.8                  | 9850                | 147       | 1.20                | AKAF127 AR87 | 144        | 730                  | 10.00               | 2.1       |                     |          |            |
|                      |                     |           |                     |              | 174        | 605                  | 8.29                | 2.3       |                     |          |            |
|                      |                     |           |                     |              | 200        | 525                  | 7.21                | 2.5       |                     |          |            |

AK



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| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type          | Motor pole |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|---------------|------------|
| <b>11.0KW</b>        |                     |           |                     |              |            | <b>15.0KW</b>        |                     |           |                     |               |            |
| 62                   | 1680                | 23.08     | 0.90                |              |            | 26                   | 5610                | 57.17     | 1.45                |               |            |
| 71                   | 1480                | 20.24     | 1.00                |              |            | 29                   | 4900                | 49.90     | 1.60                | AK 107        |            |
| 81                   | 1300                | 17.86     | 1.10                |              |            | 34                   | 4150                | 42.33     | 1.75                | AKF 107       | 4P         |
| 91                   | 1160                | 15.84     | 1.20                |              |            | 39                   | 3630                | 37.00     | 2.0                 | AKA 107       |            |
| 107                  | 990                 | 13.52     | 1.35                | AK 77        |            | 45                   | 3210                | 32.68     | 2.2                 | AKAF 107      |            |
| 117                  | 900                 | 12.33     | 1.10                | AKF 77       | 4P         | 47                   | 3070                | 31.28     | 2.2                 |               |            |
| 133                  | 790                 | 10.81     | 1.25                | AKA 77       |            | 50                   | 2840                | 29.00     | 2.5                 |               |            |
| 151                  | 700                 | 9.54      | 1.35                | AKAF 77      |            |                      |                     |           |                     |               |            |
| 170                  | 620                 | 8.46      | 1.45                |              |            | 30                   | 4700                | 47.93     | 0.90                | AK 97         |            |
| 199                  | 530                 | 7.22      | 1.55                |              |            | 35                   | 4110                | 41.87     | 1.05                | AKF 97        | 4P         |
| <b>15KW</b>          |                     |           |                     |              |            | 38                   | 3760                | 38.29     | 1.15                | AKA 97        |            |
| 2.3                  | 56100               | 622       | 0.90                |              |            | 43                   | 3360                | 34.22     | 1.30                | AKAF 97       |            |
| 2.8                  | 47000               | 520       | 1.05                |              |            | 47                   | 3020                | 30.81     | 1.40                |               |            |
| 3.2                  | 41000               | 454       | 1.20                | AK187 AR107  | 4P         | 52                   | 2740                | 27.90     | 1.55                |               |            |
| 4.1                  | 32100               | 355       | 1.55                | AKA187 AR107 |            | 59                   | 2430                | 24.74     | 1.75                |               |            |
| 5.6                  | 23600               | 261       | 2.1                 |              |            | 65                   | 2190                | 22.37     | 1.95                |               |            |
|                      |                     |           |                     |              |            | 77                   | 1860                | 18.96     | 2.3                 |               |            |
|                      |                     |           |                     |              |            | 88                   | 1620                | 16.56     | 2.7                 |               |            |
| 4.6                  | 28700               | 318       | 1.10                |              |            | 47                   | 3080                | 31.38     | 0.90                |               |            |
| 5.3                  | 25000               | 278       | 1.30                |              |            | 52                   | 2730                | 27.87     | 0.95                |               |            |
| 6.0                  | 22000               | 244       | 1.45                |              |            | 59                   | 2440                | 24.92     | 1.00                |               |            |
| 6.8                  | 19200               | 213       | 1.65                | AK167 AR107  | 4P         | 65                   | 2200                | 22.40     | 1.05                |               |            |
| 7.1                  | 18500               | 206       | 1.75                | AKA167 AR107 |            | 75                   | 1910                | 19.45     | 1.20                |               |            |
| 8.1                  | 16200               | 180       | 1.95                |              |            | 84                   | 1710                | 17.41     | 1.30                | AK 87         |            |
| 9.1                  | 14400               | 160       | 2.2                 |              |            | 91                   | 1570                | 16.00     | 1.15                | AKF 87        | 4P         |
| 6.3                  | 20700               | 230       | 0.85                |              |            | 101                  | 1420                | 14.44     | 1.50                | AKA 87        |            |
| 6.9                  | 19200               | 213       | 0.95                | AK157 AR107  |            | 116                  | 1230                | 12.56     | 1.60                | AKAF 87       |            |
| 7.8                  | 16800               | 187       | 1.05                | AKF157 AR107 | 4P         | 131                  | 1100                | 11.16     | 1.35                |               |            |
| 9.3                  | 14200               | 157       | 1.25                | AKA157 AR107 |            | 146                  | 980                 | 10.00     | 1.55                |               |            |
| 12                   | 11000               | 122       | 1.65                | AKAF157AR107 |            | 176                  | 810                 | 8.29      | 1.70                |               |            |
| 14                   | 9630                | 107       | 1.85                |              |            | 202                  | 705                 | 7.21      | 1.85                |               |            |
| 5.4                  | 26600               | 179.86    | 1.90                | AK 187       | 4P         | <b>18.5KW</b>        |                     |           |                     |               |            |
| 5.9                  | 24400               | 165.21    | 2.0                 | AKA 187      |            | 2.8                  | 57800               | 520       | 0.85                |               |            |
| 7.2                  | 19900               | 134.99    | 1.60                | AK 167       | 6P         | 3.2                  | 50400               | 454       | 1.00                |               |            |
| 8.8                  | 16200               | 109.83    | 1.95                | AKA 167      |            | 4.1                  | 39500               | 355       | 1.25                | AK187 AR107   | 4P         |
|                      |                     |           |                     |              |            | 5.6                  | 29000               | 261       | 1.70                | AKA187 AR107  |            |
| 8.9                  | 16100               | 164.50    | 2.0                 | AK 167       | 4P         | 6.6                  | 24600               | 221       | 2.0                 |               |            |
| 11                   | 13200               | 134.99    | 2.4                 | AKA 167      |            | 4.6                  | 35300               | 318       | 0.90                |               |            |
| 7.9                  | 18100               | 122.39    | 1.00                |              |            | 5.3                  | 30800               | 278       | 1.05                |               |            |
| 9.7                  | 14800               | 100.22    | 1.20                | AK157 AR97   |            | 6.0                  | 27100               | 244       | 1.20                |               |            |
| 11                   | 13500               | 91.65     | 1.35                | AKF157 AR97  | 6P         | 6.9                  | 23600               | 213       | 1.35                | AK167 AR107   | 4P         |
| 12                   | 11800               | 79.75     | 1.55                | AKA157 AR97  |            | 7.1                  | 22800               | 206       | 1.40                | AKA167 AR107  |            |
| 14                   | 10400               | 70.38     | 1.75                | AKAF157AR97  |            | 8.1                  | 20000               | 180       | 1.60                |               |            |
|                      |                     |           |                     |              |            | 9.2                  | 17700               | 160       | 1.80                |               |            |
| 9.7                  | 14800               | 150.41    | 1.20                | AK 157       | 6P         | 11                   | 15000               | 135       | 2.1                 |               |            |
| 12                   | 12000               | 122.39    | 1.50                | AKF 157      |            | 12                   | 13100               | 118       | 2.4                 |               |            |
| 15                   | 9830                | 100.22    | 1.85                | AKA 157      |            | 7.8                  | 20700               | 187       | 0.85                | AK157 AR107   |            |
| 16                   | 8990                | 91.65     | 2.0                 | AKAF 157     |            | 9.3                  | 17400               | 157       | 1.05                | AKF157 AR107  | 4P         |
| 18                   | 7820                | 79.75     | 2.3                 |              |            | 12                   | 13600               | 122       | 1.35                | AKA157 AR107  |            |
|                      |                     |           |                     |              |            | 14                   | 11900               | 107       | 1.50                | AKAF157 AR107 |            |
| 11                   | 13400               | 136.14    | 0.95                |              |            | 5.4                  | 32800               | 179.86    | 1.55                |               |            |
| 12                   | 12000               | 122.48    | 1.10                |              |            | 5.9                  | 30100               | 165.21    | 1.65                | AK 187        | 6P         |
| 13                   | 10800               | 110.18    | 1.20                |              |            | 6.7                  | 26300               | 144.59    | 1.90                | AKA 187       |            |
| 16                   | 8820                | 89.89     | 1.45                | AK 157       | 4P         | 7.5                  | 23600               | 129.69    | 2.1                 |               |            |
| 18                   | 8040                | 81.98     | 1.60                | AKF 157      |            | 8.1                  | 21700               | 179.86    | 2.3                 |               |            |
| 21                   | 6960                | 70.95     | 1.85                | AKA 157      |            | 8.9                  | 19900               | 165.21    | 2.5                 | AK 187        | 4P         |
| 23                   | 6140                | 62.60     | 2.1                 | AKAF 157     |            | 10                   | 17400               | 144.59    | 2.9                 | AKA 187       |            |
| 27                   | 5300                | 54.07     | 2.5                 |              |            | 11                   | 15600               | 129.69    | 3.2                 |               |            |
| 31                   | 4690                | 47.82     | 2.8                 |              |            |                      |                     |           |                     |               |            |
| 16                   | 8920                | 90.03     | 0.90                | AK 127       | 4P         | 11                   | 16300               | 134.99    | 1.95                |               |            |
| 18                   | 8110                | 82.11     | 1.00                | AKF 127      |            | 13                   | 13200               | 109.83    | 2.4                 | AK 167        | 4P         |
| 20                   | 7190                | 71.08     | 1.10                | AKA 127      |            | 17                   | 10600               | 87.86     | 3.0                 | AKA 167       |            |
| 22                   | 6530                | 62.70     | 1.25                | AKAF 127     |            |                      |                     |           |                     |               |            |



| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fb) | Type                                     | Motor pole | Output speed (r/min)                     | Output torque (N.M) | Ratio (i) | Service factor (fb) | Type   | Motor pole |
|----------------------|---------------------|-----------|---------------------|--|------------|--|---------------------|-----------|---------------------|--|------------|
| <b>18.5KW</b>        |                     |           |                     |  |            | <b>22KW</b>                              |                     |           |                     |  |            |
| 9.7                  | 18300               | 100.22    | 1.00                | AK 157                                   | 6P         | 5.3                                      | 36700               | 278       | 0.85                | AK167 AR97<br>AKA167 AR97                                | 4P         |
| 11                   | 16700               | 91.65     | 1.10                | AKF 157                                  |            |  |                     |           |                     |  |            |
| 12                   | 14500               | 79.75     | 1.25                | AKA 157                                  |            |  |                     |           |                     |  |            |
| 14                   | 12800               | 70.38     | 1.40                | AKAF 157                                 |            |  |                     |           |                     |  |            |
| 12                   | 14800               | 122.39    | 1.20                | AK 157<br>AKF 157<br>AKA 157<br>AKAF 157 | 4P         | 9.2                                      | 21100               | 160       | 1.50                | AK157 AR97<br>AKF157 AR97<br>AKA157 AR97<br>AKAF157 AR97 | 4P         |
| 15                   | 12100               | 100.22    | 1.50                |  |            |  |                     |           |                     |  |            |
| 16                   | 11100               | 91.65     | 1.65                |  |            |  |                     |           |                     |  |            |
| 18                   | 9620                | 79.75     | 1.85                |  |            |  |                     |           |                     |  |            |
| 21                   | 8490                | 70.38     | 2.1                 |  |            |  |                     |           |                     |  |            |
| 24                   | 7360                | 61.02     | 2.5                 |  |            |  |                     |           |                     |  |            |
| 27                   | 6550                | 54.29     | 2.8                 |  |            |  |                     |           |                     |  |            |
| 31                   | 5640                | 46.79     | 3.2                 |  |            |  |                     |           |                     |  |            |
| 39                   | 4580                | 38.02     | 3.9                 |  |            |  |                     |           |                     |  |            |
| 13                   | 13300               | 110.35    | 1.00                |  |            | AK 127<br>AKF 127<br>AKA 127<br>AKAF 127 | 4P                  | 5.4       | 39000               |  |            |
| 16                   | 10800               | 90.03     | 1.20                |  |            |  |                     |           |                     |  |            |
| 18                   | 9890                | 82.11     | 1.30                |  |            |  |                     |           |                     |  |            |
| 21                   | 8580                | 71.06     | 1.50                |  |            |  |                     |           |                     |  |            |
| 23                   | 7550                | 62.70     | 1.70                |  |            |  |                     |           |                     |  |            |
| 27                   | 6520                | 54.15     | 2.0                 |  |            |  |                     |           |                     |  |            |
| 31                   | 5770                | 47.90     | 2.2                 |  |            |  |                     |           |                     |  |            |
| 36                   | 4850                | 40.25     | 2.7                 |  |            |  |                     |           |                     |  |            |
| 40                   | 4370                | 36.30     | 3.0                 |  |            |  |                     |           |                     |  |            |
| 47                   | 3780                | 31.41     | 3.4                 |  |            |  |                     |           |                     |  |            |
| 53                   | 3340                | 27.72     | 3.9                 |  |            |  |                     |           |                     |  |            |
| 20                   | 8840                | 73.30     | 0.90                | AK 107<br>AKF 107<br>AKA 107<br>AKAF 107 | 4P         | 8.1                                      | 25800               | 179.86    | 1.95                | AK 187<br>AKA 187  | 4P         |
| 22                   | 8020                | 66.52     | 1.00                |  |            |  |                     |           |                     |  |            |
| 26                   | 6890                | 57.17     | 1.15                |  |            |  |                     |           |                     |  |            |
| 29                   | 6020                | 49.90     | 1.30                |  |            |  |                     |           |                     |  |            |
| 35                   | 5100                | 42.33     | 1.45                |  |            |  |                     |           |                     |  |            |
| 40                   | 4460                | 37.00     | 1.60                |  |            |  |                     |           |                     |  |            |
| 45                   | 3940                | 32.68     | 1.85                |  |            |  |                     |           |                     |  |            |
| 47                   | 3770                | 31.28     | 1.80                |  |            |  |                     |           |                     |  |            |
| 51                   | 3500                | 29.00     | 2.1                 |  |            |  |                     |           |                     |  |            |
| 56                   | 3170                | 26.32     | 2.3                 |  |            |  |                     |           |                     |  |            |
| 65                   | 2730                | 22.62     | 2.6                 |  |            |  |                     |           |                     |  |            |
| 74                   | 2380                | 19.74     | 3.0                 |  |            |  |                     |           |                     |  |            |
| 88                   | 2020                | 16.75     | 3.5                 |  |            |  |                     |           |                     |  |            |
| 35                   | 5050                | 41.87     | 0.85                | AK 97<br>AKF 97<br>AKA 97<br>AKAF 97     | 4P         | 11                                       | 19400               | 134.99    | 1.65                | AK 167<br>AKA 167  | 4P         |
| 48                   | 3720                | 30.81     | 1.15                |  |            |  |                     |           |                     |  |            |
| 53                   | 3360                | 27.90     | 1.30                |  |            |  |                     |           |                     |  |            |
| 59                   | 2980                | 24.74     | 1.45                |  |            |  |                     |           |                     |  |            |
| 65                   | 2700                | 22.37     | 1.60                |  |            |  |                     |           |                     |  |            |
| 77                   | 2290                | 18.96     | 1.90                |  |            |  |                     |           |                     |  |            |
| 88                   | 2000                | 16.56     | 2.2                 |  |            |  |                     |           |                     |  |            |
| 106                  | 1670                | 13.85     | 2.6                 |  |            |  |                     |           |                     |  |            |
| 122                  | 1450                | 11.99     | 2.7                 |  |            |  |                     |           |                     |  |            |
| 59                   | 3000                | 24.92     | 0.85                |  |            | AK 87<br>AKF 87<br>AKA 87<br>AKAF 87     | 4P                  | 13        | 15700               |  |            |
| 65                   | 2700                | 22.40     | 0.85                |  |            |  |                     |           |                     |  |            |
| 75                   | 2340                | 19.45     | 1.00                |  |            |  |                     |           |                     |  |            |
| 84                   | 2100                | 17.41     | 1.05                |  |            |  |                     |           |                     |  |            |
| 101                  | 1740                | 14.45     | 1.20                |  |            |  |                     |           |                     |  |            |
| 117                  | 1510                | 12.56     | 1.30                |  |            |  |                     |           |                     |  |            |
| 131                  | 1350                | 11.16     | 1.10                |  |            |  |                     |           |                     |  |            |
| 147                  | 1210                | 10.00     | 1.25                |  |            |  |                     |           |                     |  |            |
| 177                  | 1000                | 8.29      | 1.40                |  |            |  |                     |           |                     |  |            |
| 203                  | 870                 | 7.21      | 1.50                |  |            |  |                     |           |                     |  |            |
| <b>22KW</b>          |                     |           |                     |  |            | <b>22KW</b>                              |                     |           |                     |  |            |
| 3.2                  | 60000               | 454       | 0.85                | AK187 AR107<br>AKA187 AR107              | 4P         | 12                                       | 17600               | 122.39    | 1.05                | AK 157<br>AKF 157<br>AKA 157<br>AKAF 157                 | 4P         |
| 4.1                  | 47000               | 355       | 1.05                |  |            |  |                     |           |                     |  |            |
| 5.6                  | 34500               | 261       | 1.45                |  |            |  |                     |           |                     |  |            |
| 6.6                  | 29300               | 221       | 1.70                |  |            |  |                     |           |                     |  |            |
| 7.6                  | 25600               | 193       | 1.95                |  |            |  |                     |           |                     |  |            |
| 8.9                  | 21600               | 163       | 2.3                 |  |            |  |                     |           |                     |  |            |
| 16                   | 12900               | 90.03     | 1.00                |  |            | AK 127<br>AKF 127<br>AKA 127<br>AKAF 127 | 4P                  |           |                     |  |            |
| 18                   | 11800               | 82.11     | 1.10                |  |            |  |                     |           |                     |  |            |
| 21                   | 10200               | 71.06     | 1.30                |  |            |  |                     |           |                     |  |            |
| 23                   | 8980                | 62.70     | 1.45                |  |            |  |                     |           |                     |  |            |
| 27                   | 7750                | 54.15     | 1.70                |  |            |  |                     |           |                     |  |            |
| 31                   | 6860                | 47.90     | 1.90                |  |            |  |                     |           |                     |  |            |
| 36                   | 5760                | 40.25     | 2.3                 |  |            |  |                     |           |                     |  |            |
| 40                   | 5200                | 36.30     | 2.5                 |  |            |  |                     |           |                     |  |            |
| 47                   | 4500                | 31.41     | 2.9                 |  |            |  |                     |           |                     |  |            |
| 53                   | 3970                | 27.72     | 3.3                 |  |            |  |                     |           |                     |  |            |
| 61                   | 3430                | 23.94     | 3.8                 |  |            |  |                     |           |                     |  |            |
| 69                   | 3030                | 21.71     | 4.3                 |  |            |  |                     |           |                     |  |            |
| 26                   | 8200                | 57.17     | 1.00                | AK 107<br>AKF 107<br>AKA 107<br>AKAF 107 | 4P         |  |                     |           |                     |  |            |
| 29                   | 7160                | 49.90     | 1.10                |  |            |  |                     |           |                     |  |            |
| 35                   | 6070                | 42.33     | 1.20                |  |            |  |                     |           |                     |  |            |
| 40                   | 5310                | 37.00     | 1.35                |  |            |  |                     |           |                     |  |            |
| 45                   | 4690                | 32.69     | 1.55                |  |            |  |                     |           |                     |  |            |
| 47                   | 4490                | 31.28     | 1.50                |  |            |  |                     |           |                     |  |            |
| 51                   | 4160                | 29.00     | 1.75                |  |            |  |                     |           |                     |  |            |
| 56                   | 3770                | 26.32     | 1.90                |  |            |  |                     |           |                     |  |            |
| 65                   | 3240                | 22.62     | 2.2                 |  |            |  |                     |           |                     |  |            |
| 74                   | 2830                | 19.74     | 2.5                 |  |            |  |                     |           |                     |  |            |

AK



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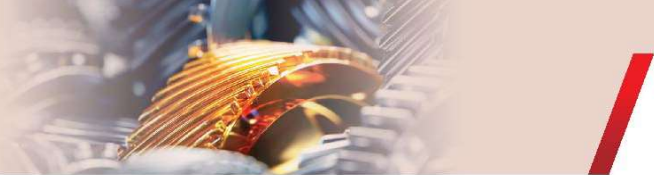
| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type         | Motor pole |        |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|--------------|------------|--------|
| <b>22KW</b>          |                     |           |                     |              |            | <b>30KW</b>          |                     |           |                     |              |            |        |
| 88                   | 2400                | 16.75     | 2.9                 |              | 4P         | 41                   | 7060                | 36.30     | 1.85                | AK 127       | 4P         |        |
| 100                  | 2100                | 14.63     | 3.3                 | AK 107       |            | 47                   | 6110                | 31.41     | 2.1                 | AKF 127      |            |        |
| 109                  | 1930                | 13.43     | 2.2                 | AKF 107      |            | 53                   | 5390                | 27.72     | 2.4                 | AKA 127      |            |        |
| 125                  | 1680                | 11.73     | 2.6                 | AKA 107      |            | 62                   | 4660                | 23.94     | 2.8                 | AKAF 127     |            |        |
| 147                  | 1430                | 9.94      | 2.9                 | AKAF 107     |            |                      |                     |           |                     |              |            |        |
| 48                   | 4420                | 30.82     | 0.95                |              | 4P         | 35                   | 8250                | 42.33     | 0.90                |              | 4P         |        |
| 53                   | 4000                | 27.91     | 1.05                |              |            | 40                   | 7210                | 37.00     | 1.00                |              |            |        |
| 59                   | 3550                | 24.75     | 1.20                |              |            | 47                   | 6100                | 31.28     | 1.10                |              |            |        |
| 65                   | 3210                | 22.37     | 1.35                | AK 97        |            | 51                   | 5650                | 29.00     | 1.25                |              |            |        |
| 77                   | 2720                | 18.96     | 1.60                | AKF 97       |            | 56                   | 5130                | 26.32     | 1.40                | AK 107       |            |        |
| 88                   | 2370                | 16.56     | 1.80                | AKA 97       |            | 65                   | 4410                | 22.62     | 1.65                | AKF 107      |            |        |
| 106                  | 1990                | 13.85     | 2.2                 | AKAF 97      |            | 74                   | 3850                | 19.74     | 1.85                | AKA 107      |            |        |
| 122                  | 1720                | 11.99     | 2.3                 |              |            | 88                   | 3260                | 16.75     | 2.2                 | AKAF 107     |            |        |
| 141                  | 1490                | 10.41     | 1.90                |              |            | 100                  | 2850                | 14.63     | 2.4                 |              |            |        |
| 168                  | 1250                | 8.71      | 2.1                 |              |            | 109                  | 2620                | 13.43     | 1.65                |              |            |        |
| 75                   | 2790                | 19.45     | 0.80                |              | 4P         | 125                  | 2280                | 11.73     | 1.90                |              | 4P         |        |
| 84                   | 2500                | 17.41     | 0.90                |              |            | 148                  | 1940                | 9.94      | 2.2                 |              |            |        |
| 101                  | 2070                | 14.44     | 1.00                | AK 87        |            | 169                  | 1690                | 8.69      | 2.4                 |              |            |        |
| 117                  | 1800                | 12.56     | 1.10                | AKF 87       |            |                      |                     |           |                     |              |            |        |
| 131                  | 1600                | 11.16     | 0.95                | AKA 87       |            | 59                   | 4820                | 24.75     | 0.90                |              |            | 4P     |
| 147                  | 1430                | 10.00     | 1.05                | AKAF 87      |            | 66                   | 4360                | 22.37     | 1.00                |              |            |        |
| 177                  | 1190                | 8.29      | 1.20                |              |            | 78                   | 3690                | 18.96     | 1.15                | AK 97        |            |        |
| 203                  | 1030                | 7.21      | 1.25                |              |            | 89                   | 3230                | 16.56     | 1.35                | AKF 97       |            |        |
|                      |                     |           |                     |              |            | 106                  | 2700                | 13.85     | 1.60                | AKA 97       |            |        |
|                      |                     |           |                     |              |            | 123                  | 2340                | 11.99     | 1.65                | AKAF 97      |            |        |
|                      |                     |           |                     |              | 141        | 2030                 | 10.41               | 1.40      |                     |              |            |        |
|                      |                     |           |                     |              | 169        | 1700                 | 8.71                | 1.55      |                     |              |            |        |
|                      |                     |           |                     |              |            |                      |                     |           |                     |              |            |        |
|                      |                     |           |                     |              |            |                      |                     |           |                     |              |            |        |
| <b>30KW</b>          |                     |           |                     |              |            | <b>37KW</b>          |                     |           |                     |              |            |        |
| 5.6                  | 47000               | 261       | 1.05                |              | 4P         | 5.6                  | 58000               | 261       | 0.85                |              | 4P         |        |
| 6.6                  | 39800               | 221       | 1.25                | AK187 AR107  |            | 6.6                  | 49200               | 221       | 1.00                | AK187 AR107  |            |        |
| 7.6                  | 34800               | 193       | 1.45                | AKA187 AR107 |            | 7.6                  | 43000               | 193       | 1.15                | AKA187 AR107 |            |        |
| 9.0                  | 29400               | 163       | 1.70                |              |            | 9.0                  | 36300               | 163       | 1.40                |              |            |        |
| 6.9                  | 38300               | 213       | 0.85                |              | 4P         | 8.1                  | 40000               | 180       | 0.80                |              | 4P         |        |
| 7.1                  | 37000               | 206       | 0.85                |              |            | 9.2                  | 35500               | 160       | 0.90                | AK167 AR107  |            |        |
| 8.1                  | 32400               | 180       | 1.00                | AK167 AR107  |            | 11                   | 30100               | 135       | 1.05                | AKA167 AR107 |            |        |
| 9.2                  | 28700               | 160       | 1.10                | AKA167 AR107 |            | 12                   | 26300               | 118       | 1.20                |              |            |        |
| 11                   | 24400               | 135       | 1.30                |              |            |                      |                     |           |                     |              |            |        |
| 12                   | 21300               | 118       | 1.50                |              |            |                      |                     |           |                     |              |            |        |
| 8.2                  | 35100               | 179.86    | 1.45                |              | 4P         | 8.2                  | 43200               | 179.86    | 1.15                |              | 4P         |        |
| 8.9                  | 32200               | 165.21    | 1.55                |              |            | 8.9                  | 39700               | 165.21    | 1.25                |              |            |        |
| 10                   | 28200               | 144.59    | 1.75                | AK 187       |            | 10                   | 34800               | 144.59    | 1.45                | AK 187       |            |        |
| 11                   | 25300               | 129.69    | 2.0                 | AKA 187      |            | 11                   | 31200               | 129.69    | 1.60                | AKA 187      |            |        |
| 13                   | 21900               | 112.60    | 2.3                 |              |            | 13                   | 27100               | 112.60    | 1.85                |              |            |        |
| 14                   | 19900               | 102.16    | 2.5                 |              |            | 14                   | 24600               | 102.16    | 2.0                 |              |            |        |
| 17                   | 17200               | 88.00     | 2.9                 |              | 17         | 21200                | 88.00               | 2.4       |                     |              |            |        |
| 13                   | 21400               | 109.83    | 1.50                |              | 4P         | 13                   | 26400               | 109.83    | 1.20                |              | 4P         |        |
| 17                   | 17100               | 87.86     | 1.85                | AK 167       |            | 17                   | 21100               | 87.86     | 1.50                |              |            |        |
| 19                   | 15200               | 78.14     | 2.1                 | AKA 167      |            | 19                   | 18800               | 78.14     | 1.70                |              |            |        |
| 22                   | 13300               | 68.07     | 2.4                 |              |            | 22                   | 16400               | 68.07     | 1.95                | AK 167       |            |        |
| 24                   | 11800               | 60.74     | 2.7                 |              |            | 24                   | 14600               | 60.74     | 2.2                 | AKA 167      |            |        |
| 15                   | 19500               | 100.22    | 0.90                |              | 4P         | 28                   | 12400               | 51.77     | 2.6                 |              | 4P         |        |
| 16                   | 17900               | 91.65     | 1.00                |              |            | 16                   | 22000               | 91.65     | 0.80                |              |            |        |
| 18                   | 15500               | 79.75     | 1.15                |              |            | 18                   | 19200               | 79.75     | 0.95                |              |            |        |
| 21                   | 13700               | 70.38     | 1.30                | AK 157       |            | 21                   | 16900               | 70.38     | 1.05                | AK 157       |            |        |
| 24                   | 11900               | 61.02     | 1.50                | AKF 157      |            | 24                   | 14700               | 61.02     | 1.25                | AKF 157      |            |        |
| 27                   | 10600               | 54.29     | 1.70                | AKA 157      |            | 27                   | 13000               | 54.29     | 1.40                | AKA 157      |            |        |
| 31                   | 9120                | 46.79     | 1.95                | AKAF 157     |            | 31                   | 11200               | 46.79     | 1.60                | AKAF 157     |            |        |
| 39                   | 7410                | 38.02     | 2.4                 |              |            | 39                   | 9140                | 38.02     | 1.95                |              |            |        |
| 47                   | 6100                | 31.30     | 3.0                 |              |            | 47                   | 7520                | 31.30     | 2.4                 |              |            |        |
| 21                   | 13800               | 71.06     | 0.95                | AK 127       |            | 4P                   | 23                  | 15000     | 62.70               | 0.85         |            | AK 127 |
| 23                   | 12200               | 62.70     | 1.05                | AKF 127      | 27         |                      | 13000               | 54.15     | 1.00                | AKF 127      |            |        |
| 27                   | 10500               | 54.15     | 1.25                | AKA 127      | 31         |                      | 11500               | 47.90     | 1.15                | AKA 127      |            |        |
| 31                   | 9320                | 47.90     | 1.40                | AKAF 127     | 37         |                      | 9660                | 40.25     | 1.35                | AKAF 127     |            |        |
| 37                   | 7830                | 40.25     | 1.65                |              |            |                      |                     |           |                     |              |            |        |





| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fb) | Type         | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fb) | Type     | Motor pole |
|----------------------|---------------------|-----------|---------------------|--------------|------------|----------------------|---------------------|-----------|---------------------|----------|------------|
| <b>37KW</b>          |                     |           |                     |              |            | <b>45KW</b>          |                     |           |                     |          |            |
| 41                   | 8710                | 36.30     | 1.50                |              |            | 102                  | 4190                | 14.37     | 2.9                 | AK 127   |            |
| 47                   | 7540                | 31.41     | 1.70                |              |            | 115                  | 3740                | 12.78     | 2.3                 | AKF 127  | 4P         |
| 53                   | 6650                | 27.72     | 1.95                |              |            | 137                  | 3140                | 10.74     | 2.5                 | AKA 127  |            |
| 62                   | 5740                | 23.94     | 2.3                 |              |            | 169                  | 2540                | 8.68      | 2.8                 | AKAF 127 |            |
| 70                   | 5080                | 21.17     | 2.6                 | AK 127       |            | 51                   | 8480                | 29.00     | 0.85                |          |            |
| 83                   | 4270                | 17.79     | 3.0                 | AKF 127      | 4P         | 56                   | 7690                | 26.32     | 0.95                |          |            |
| 102                  | 3450                | 14.37     | 3.5                 | AKA 127      |            | 65                   | 6610                | 22.62     | 1.10                |          |            |
| 115                  | 3070                | 12.78     | 2.8                 | AKAF 127     |            | 74                   | 5770                | 19.74     | 1.25                | AK 107   |            |
| 137                  | 2580                | 10.74     | 3.1                 |              |            | 88                   | 4890                | 16.75     | 1.45                | AKF 107  | 4P         |
| 169                  | 2090                | 8.68      | 3.5                 |              |            | 100                  | 4280                | 14.63     | 1.60                | AKA 107  |            |
| 40                   | 8890                | 37.00     | 0.80                |              |            | 109                  | 3930                | 13.43     | 1.10                | AKAF 107 |            |
| 47                   | 7520                | 31.28     | 0.90                |              |            | 125                  | 3430                | 11.73     | 1.25                |          |            |
| 51                   | 6970                | 29.00     | 1.05                |              |            | 148                  | 2910                | 9.94      | 1.45                |          |            |
| 56                   | 6320                | 26.32     | 1.15                | AK 107       |            | 169                  | 2540                | 8.69      | 1.60                |          |            |
| 65                   | 5440                | 22.62     | 1.30                | AKF 107      | 4P         | <b>55KW</b>          |                     |           |                     |          |            |
| 74                   | 4740                | 19.74     | 1.50                | AKA 107      |            | 10                   | 51500               | 144.59    | 0.95                |          |            |
| 88                   | 4020                | 16.75     | 1.75                | AKAF 107     |            | 11                   | 46200               | 129.69    | 1.10                |          |            |
| 100                  | 3520                | 14.63     | 1.95                |              |            | 13                   | 40100               | 112.60    | 1.25                |          |            |
| 109                  | 3230                | 13.43     | 1.35                |              |            | 14                   | 36400               | 102.16    | 1.35                | AK 187   | 4P         |
| 125                  | 2820                | 11.73     | 1.55                |              |            | 17                   | 31300               | 88.00     | 1.60                | AKA 187  |            |
| 148                  | 2390                | 9.94      | 1.75                |              |            | 20                   | 26300               | 73.96     | 1.90                |          |            |
| 169                  | 2090                | 8.69      | 1.95                |              |            | 23                   | 22800               | 64.04     | 2.2                 |          |            |
| <b>45KW</b>          |                     |           |                     |              |            | 17                   | 31300               | 87.86     | 1.00                |          |            |
| 6.6                  | 59800               | 221       | 0.85                | AK187 AR107  | 4P         | 19                   | 27800               | 78.14     | 1.15                |          |            |
| 7.6                  | 52300               | 193       | 0.95                | AKA187 AR107 |            | 22                   | 24200               | 68.07     | 1.30                |          |            |
| 9.0                  | 44200               | 163       | 1.15                |              |            | 24                   | 21600               | 60.74     | 1.50                | AK 167   | 4P         |
| 11                   | 36600               | 135       | 0.85                | AK167 AR107  | 4P         | 28                   | 18400               | 51.77     | 1.75                | AKA 167  |            |
| 12                   | 32000               | 118       | 1.00                | AKA167 AR107 |            | 34                   | 15300               | 42.89     | 2.1                 |          |            |
| 8.2                  | 52600               | 179.86    | 0.95                |              |            | 40                   | 13000               | 36.61     | 2.5                 |          |            |
| 8.9                  | 48300               | 165.86    | 1.05                |              |            | 24                   | 21700               | 61.02     | 0.85                |          |            |
| 10                   | 42300               | 144.59    | 1.20                |              |            | 27                   | 19300               | 54.29     | 0.95                |          |            |
| 11                   | 37900               | 129.69    | 1.30                |              |            | 32                   | 16700               | 46.79     | 1.10                |          |            |
| 13                   | 32900               | 112.60    | 1.50                | AK 187       | 4P         | 39                   | 13500               | 38.02     | 1.35                |          |            |
| 14                   | 29900               | 102.16    | 1.65                | AKA 187      |            | 47                   | 11100               | 31.30     | 1.60                | AK 157   | 4P         |
| 17                   | 25700               | 88.00     | 1.95                |              |            | 53                   | 9840                | 27.62     | 1.85                | AKF 157  |            |
| 20                   | 21600               | 73.96     | 2.3                 |              |            | 62                   | 8530                | 23.95     | 2.1                 | AKA 157  |            |
| 13                   | 32100               | 109.83    | 1.00                |              |            | 69                   | 7590                | 21.31     | 2.4                 | AKAF 157 |            |
| 17                   | 25700               | 87.86     | 1.25                |              |            | 80                   | 6540                | 18.37     | 2.8                 |          |            |
| 19                   | 22800               | 78.14     | 1.40                |              |            | 99                   | 5310                | 14.92     | 3.4                 |          |            |
| 22                   | 19900               | 68.07     | 1.60                | AK 167       | 4P         | 117                  | 4510                | 12.65     | 3.8                 |          |            |
| 24                   | 17800               | 60.74     | 1.80                | AKA 167      |            | 37                   | 14300               | 40.25     | 0.90                |          |            |
| 28                   | 15100               | 51.77     | 2.1                 |              |            | 47                   | 11200               | 31.41     | 1.15                |          |            |
| 34                   | 12500               | 42.89     | 2.5                 |              |            | 53                   | 9850                | 27.72     | 1.30                |          |            |
| 21                   | 20600               | 70.38     | 0.85                |              |            | 62                   | 8510                | 23.94     | 1.55                | AK 127   | 4P         |
| 24                   | 17800               | 61.02     | 1.00                |              |            | 70                   | 7530                | 21.17     | 1.75                | AKF 127  |            |
| 27                   | 15900               | 54.29     | 1.15                |              |            | 83                   | 6330                | 17.79     | 2.0                 | AKA 127  |            |
| 31                   | 13700               | 46.79     | 1.30                |              |            | 103                  | 5110                | 14.37     | 2.4                 | AKAF 127 |            |
| 39                   | 11100               | 38.02     | 1.60                | AK 157       | 4P         | 115                  | 4550                | 12.78     | 1.85                |          |            |
| 47                   | 9150                | 31.30     | 1.95                | AKF 157      |            | 137                  | 3830                | 10.74     | 2.1                 |          |            |
| 53                   | 8080                | 27.62     | 2.2                 | AKA 157      |            | 170                  | 3090                | 8.68      | 2.3                 |          |            |
| 61                   | 7000                | 23.95     | 2.6                 | AKAF 157     |            | <b>75KW</b>          |                     |           |                     |          |            |
| 69                   | 6230                | 21.31     | 2.9                 |              |            | 11                   | 62800               | 129.69    | 0.80                |          |            |
| 80                   | 5370                | 18.37     | 3.3                 |              |            | 13                   | 54500               | 112.60    | 0.90                |          |            |
| 31                   | 14000               | 47.90     | 0.95                |              |            | 14                   | 49400               | 102.16    | 1.00                | AK 187   | 4P         |
| 37                   | 11700               | 40.25     | 1.10                |              |            | 17                   | 42600               | 88.00     | 1.15                | AKA 187  |            |
| 41                   | 10600               | 36.30     | 1.25                |              |            | 20                   | 35800               | 73.96     | 1.40                |          |            |
| 47                   | 9170                | 31.41     | 1.40                | AK 127       | 4P         | 23                   | 31000               | 64.04     | 1.60                |          |            |
| 53                   | 8090                | 27.72     | 1.60                | AKF 127      |            | 28                   | 25800               | 53.36     | 1.95                |          |            |
| 62                   | 6990                | 23.94     | 1.85                | AKA 127      |            | 33                   | 22000               | 45.50     | 2.3                 |          |            |
| 70                   | 6180                | 21.17     | 2.1                 | AKAF 127     |            |                      |                     |           |                     |          |            |
| 83                   | 5190                | 17.79     | 2.5                 |              |            |                      |                     |           |                     |          |            |

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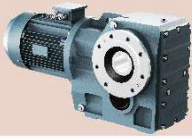


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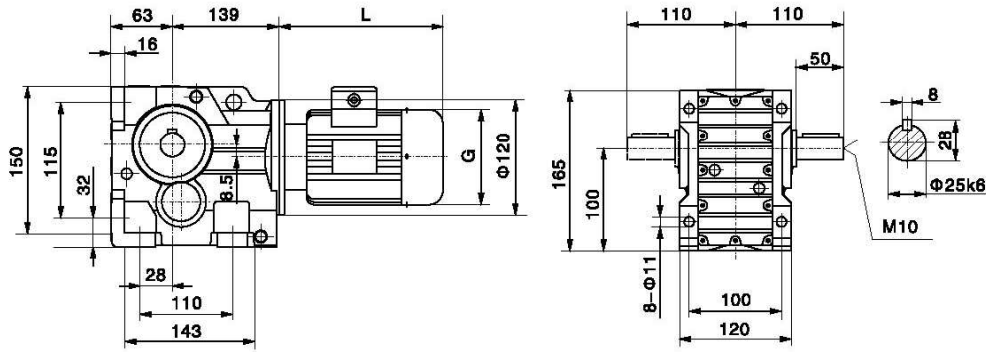
| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type     | Motor pole | Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fs) | Type     | Motor pole |
|----------------------|---------------------|-----------|---------------------|----------|------------|----------------------|---------------------|-----------|---------------------|----------|------------|
| <b>75KW</b>          |                     |           |                     |          |            | <b>110KW</b>         |                     |           |                     |          |            |
| 19                   | 37800               | 78.14     | 0.85                |          |            | 17                   | 62300               | 88.00     | 0.80                |          |            |
| 22                   | 32900               | 68.07     | 0.95                |          |            | 20                   | 52300               | 73.96     | 0.95                |          |            |
| 24                   | 29400               | 60.74     | 1.10                |          |            | 23                   | 45300               | 64.04     | 1.10                |          |            |
| 29                   | 25100               | 51.77     | 1.30                |          |            | 28                   | 37700               | 53.36     | 1.30                |          |            |
| 35                   | 20800               | 42.89     | 1.55                | AK 167   | 4P         | 33                   | 32200               | 45.50     | 1.55                | AK 187   | 4P         |
| 40                   | 17700               | 36.61     | 1.80                | AKA 167  |            | 35                   | 30100               | 42.51     | 1.65                | AKA 187  |            |
| 46                   | 15600               | 32.25     | 2.0                 |          |            | 39                   | 27300               | 38.57     | 1.85                |          |            |
| 51                   | 13900               | 28.77     | 2.3                 |          |            | 45                   | 23500               | 33.23     | 2.1                 |          |            |
| 60                   | 11900               | 24.52     | 2.7                 |          |            | 53                   | 19800               | 27.92     | 2.5                 |          |            |
| 39                   | 18400               | 38.02     | 1.00                |          |            | 29                   | 36600               | 51.77     | 0.85                |          |            |
| 47                   | 15100               | 31.30     | 1.20                |          |            | 35                   | 30300               | 42.89     | 1.05                |          |            |
| 54                   | 13400               | 27.62     | 1.35                | AK 157   | 4P         | 41                   | 25900               | 36.61     | 1.25                |          |            |
| 62                   | 11600               | 23.95     | 1.55                | AKF 157  |            | 46                   | 22800               | 32.25     | 1.40                | AK 167   | 4P         |
| 69                   | 10300               | 21.31     | 1.75                | AKA 157  |            | 52                   | 20400               | 28.77     | 1.55                | AKA 167  |            |
| 81                   | 8890                | 18.37     | 2.0                 | AKAF 157 |            | 61                   | 17300               | 24.52     | 1.85                |          |            |
| 99                   | 7220                | 14.92     | 2.5                 |          |            | 73                   | 14400               | 20.32     | 2.2                 |          |            |
| 117                  | 6120                | 12.65     | 2.8                 |          |            | 86                   | 12300               | 17.34     | 2.6                 |          |            |
| 47                   | 15200               | 31.41     | 0.85                |          |            | 62                   | 16900               | 23.95     | 1.05                |          |            |
| 53                   | 13400               | 27.72     | 0.95                |          |            | 40                   | 15100               | 21.31     | 1.20                | AK 157   | 4P         |
| 62                   | 11600               | 23.94     | 1.10                |          |            | 81                   | 13000               | 18.37     | 1.40                | AKF 157  |            |
| 70                   | 10200               | 21.17     | 1.25                | AK 127   | 4P         | 100                  | 10600               | 14.92     | 1.70                | AKA 157  |            |
| 83                   | 8600                | 17.79     | 1.50                | AKF 127  |            | 117                  | 8950                | 12.65     | 1.90                | AKAF 157 |            |
| 103                  | 6940                | 14.37     | 1.75                | AKA 127  |            | <b>132KW</b>         |                     |           |                     |          |            |
| 116                  | 6190                | 12.78     | 1.40                | AKAF 127 |            | 20                   | 62800               | 73.96     | 0.80                |          |            |
| 138                  | 5200                | 10.74     | 1.55                |          |            | 23                   | 54400               | 64.04     | 0.90                |          |            |
| 171                  | 4200                | 8.68      | 1.70                |          |            | 28                   | 45300               | 53.36     | 1.10                |          |            |
| <b>90KW</b>          |                     |           |                     |          |            | 33                   | 38600               | 45.50     | 1.30                |          |            |
| 14                   | 59300               | 102.16    | 0.85                |          |            | 35                   | 36100               | 42.51     | 1.40                |          |            |
| 17                   | 51100               | 88.00     | 1.00                |          |            | 39                   | 32700               | 38.57     | 1.55                | AK 187   | 4P         |
| 20                   | 42900               | 73.96     | 1.15                |          |            | 45                   | 28200               | 33.23     | 1.75                | AKA 187  |            |
| 23                   | 37200               | 64.04     | 1.35                |          |            | 53                   | 23700               | 27.92     | 2.1                 |          |            |
| 28                   | 31000               | 53.36     | 1.60                | AK 187   | 4P         | 61                   | 20500               | 24.18     | 2.3                 |          |            |
| 33                   | 26400               | 45.50     | 1.90                | AKA 187  |            | 74                   | 17100               | 20.15     | 2.6                 |          |            |
| 35                   | 24700               | 42.51     | 2.0                 |          |            | 86                   | 14600               | 17.18     | 2.8                 |          |            |
| 38                   | 22400               | 38.57     | 2.2                 |          |            | 35                   | 36400               | 42.89     | 0.90                |          |            |
| 22                   | 39500               | 68.07     | 0.80                |          |            | 41                   | 31100               | 36.61     | 1.05                |          |            |
| 24                   | 35300               | 60.74     | 0.90                |          |            | 46                   | 27400               | 32.25     | 1.15                | AK 167   | 4P         |
| 29                   | 30100               | 51.77     | 1.05                |          |            | 52                   | 24400               | 28.77     | 1.30                | AKA 167  |            |
| 35                   | 24900               | 42.89     | 1.30                |          |            | 61                   | 20800               | 24.52     | 1.55                |          |            |
| 40                   | 21300               | 36.61     | 1.50                | AK 167   | 4P         | 73                   | 17200               | 20.32     | 1.85                |          |            |
| 46                   | 18700               | 32.25     | 1.70                | AKA 167  |            | 86                   | 14700               | 17.34     | 2.2                 |          |            |
| 51                   | 16700               | 28.77     | 1.90                |          |            | 62                   | 20300               | 23.95     | 0.90                |          |            |
| 60                   | 14200               | 24.52     | 2.2                 |          |            | 70                   | 18100               | 21.31     | 1.00                | AK 157   | 4P         |
| 73                   | 11800               | 20.32     | 2.7                 |          |            | 81                   | 15600               | 18.37     | 1.15                | AKF 157  |            |
| 85                   | 10100               | 17.34     | 3.2                 |          |            | 100                  | 12700               | 14.92     | 1.40                | AKA 157  |            |
| 39                   | 22100               | 38.02     | 0.80                |          |            | 117                  | 10700               | 12.65     | 1.60                | AKAF 157 |            |
| 47                   | 18200               | 31.30     | 1.00                |          |            | <b>160KW</b>         |                     |           |                     |          |            |
| 54                   | 16000               | 27.62     | 1.10                | AK 157   | 4P         | 28                   | 54900               | 53.36     | 0.90                |          |            |
| 62                   | 13900               | 23.95     | 1.30                | AKF 157  |            | 33                   | 46800               | 45.50     | 1.05                |          |            |
| 69                   | 12400               | 21.31     | 1.45                | AKA 157  |            | 45                   | 34200               | 33.23     | 1.45                |          |            |
| 81                   | 10700               | 18.37     | 1.70                | AKAF 157 |            | 53                   | 28700               | 27.92     | 1.75                | AK 187   | 4P         |
| 99                   | 8670                | 14.92     | 2.1                 |          |            | 61                   | 24900               | 24.18     | 1.90                | AKA 187  |            |
| 117                  | 7350                | 12.65     | 2.3                 |          |            | 74                   | 20700               | 20.15     | 2.1                 |          |            |
| 62                   | 13900               | 23.94     | 0.95                |          |            | 86                   | 17700               | 17.18     | 2.3                 |          |            |
| 70                   | 12300               | 21.17     | 1.05                | AK 127   | 4P         | 41                   | 37700               | 36.61     | 0.85                |          |            |
| 83                   | 10300               | 17.79     | 1.25                | AKF 127  |            | 61                   | 25200               | 24.52     | 1.25                | AK 167   | 4P         |
| 103                  | 8330                | 14.37     | 1.45                | AKA 127  |            | 73                   | 20900               | 20.32     | 1.55                | AKA 167  |            |
| 116                  | 7420                | 12.78     | 1.15                | AKAF 127 |            | 86                   | 17800               | 17.34     | 1.80                |          |            |
| 138                  | 6240                | 10.74     | 1.30                |          |            |                      |                     |           |                     |          |            |
| 171                  | 5040                | 8.68      | 1.45                |          |            |                      |                     |           |                     |          |            |



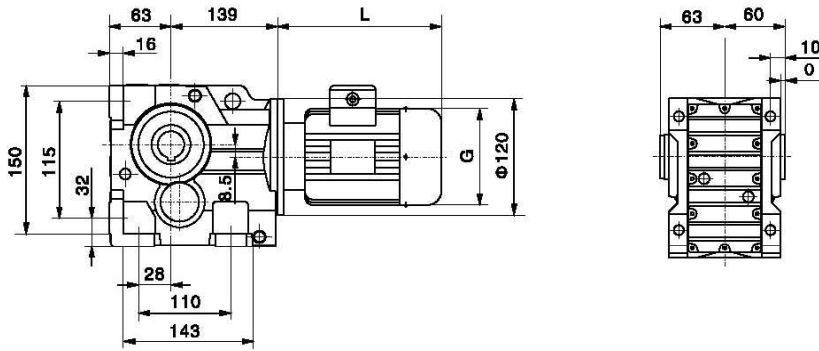
| Output speed (r/min) | Output torque (N.M) | Ratio (i) | Service factor (fa) | Type     | Motor pole |
|----------------------|---------------------|-----------|---------------------|----------|------------|
| <b>160KW</b>         |                     |           |                     |          |            |
| 81                   | 189                 | 18.37     | 0.95                | AK 157   | <b>4P</b>  |
| 100                  | 15400               | 14.92     | 1.15                | AKF 157  |            |
| 117                  | 13000               | 12.65     | 1.30                | AKA 157  |            |
|                      |                     |           |                     | AKAF 157 |            |
| <b>200KW</b>         |                     |           |                     |          |            |
| 33                   | 58500               | 45.50     | 0.85                |          | <b>4P</b>  |
| 45                   | 42700               | 33.23     | 1.15                |          |            |
| 53                   | 35900               | 27.92     | 1.40                | AK 187   |            |
| 61                   | 31100               | 24.18     | 1.55                | AKA 187  |            |
| 74                   | 25900               | 20.15     | 1.70                |          |            |
| 86                   | 22100               | 17.18     | 1.85                |          |            |
| 61                   | 31500               | 24.52     | 1.00                | AK 167   | <b>4P</b>  |
| 73                   | 26100               | 20.32     | 1.20                | AKA 167  |            |
| 86                   | 22300               | 17.34     | 1.45                |          |            |
| 100                  | 19200               | 14.92     | 0.95                | AK 157   | <b>4P</b>  |
| 117                  | 16300               | 12.65     | 1.05                | AKF 157  |            |
|                      |                     |           |                     | AKA 157  |            |
|                      |                     |           |                     | AKAF 157 |            |



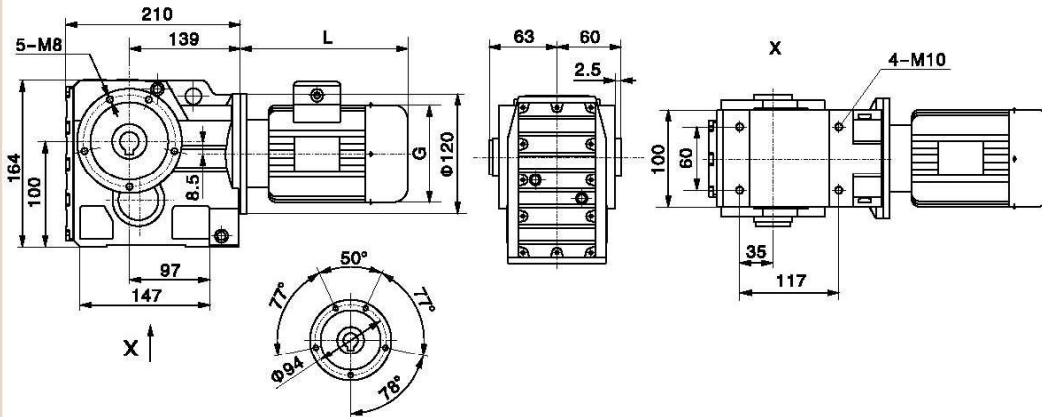
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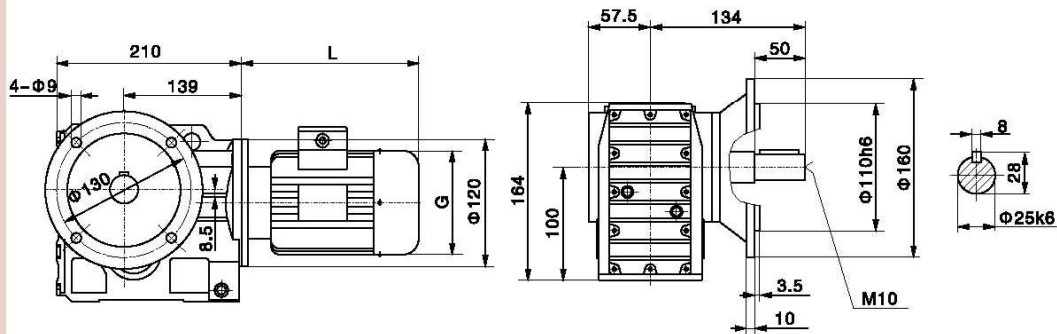
**AKAB37**



**AKA37**



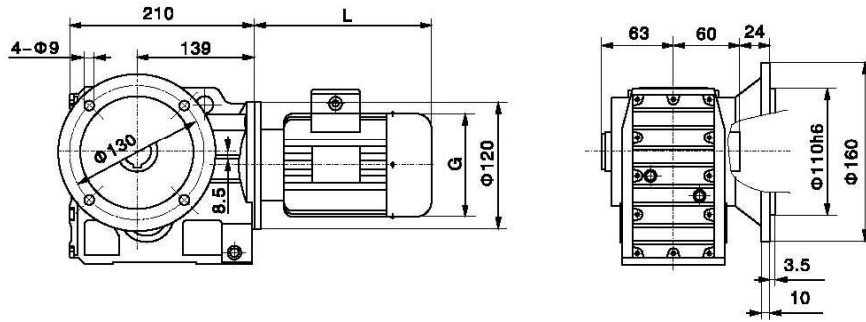
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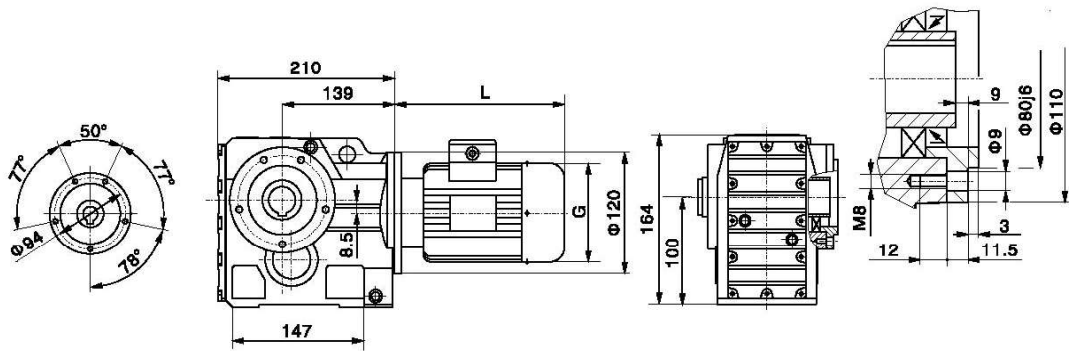
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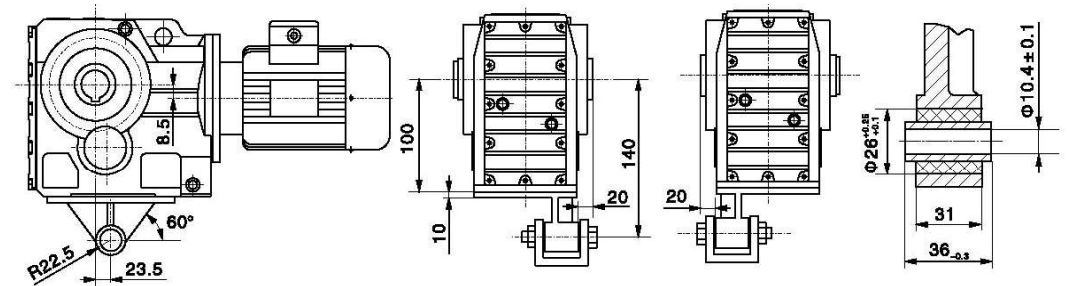
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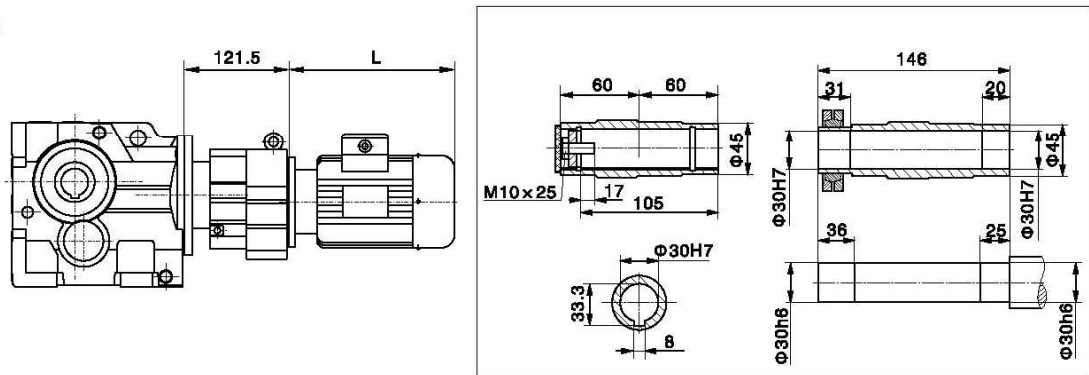
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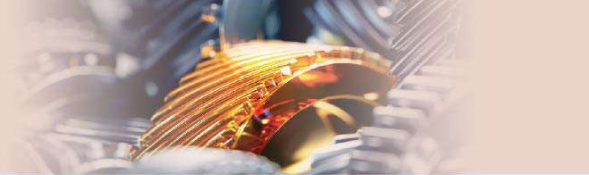
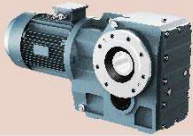
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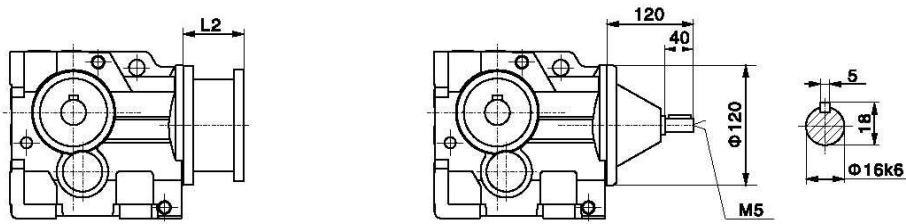
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AK

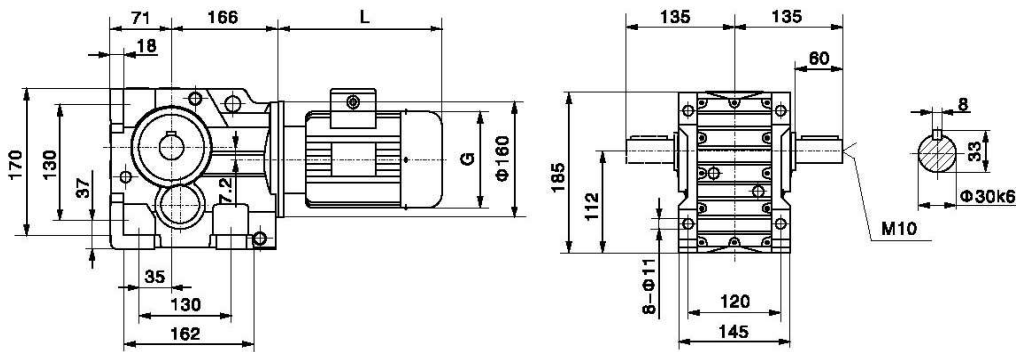


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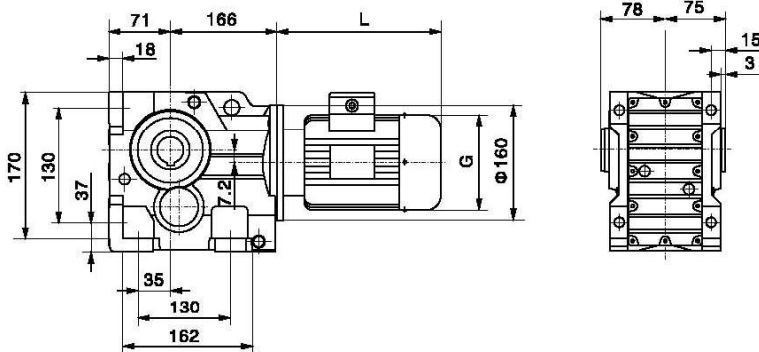


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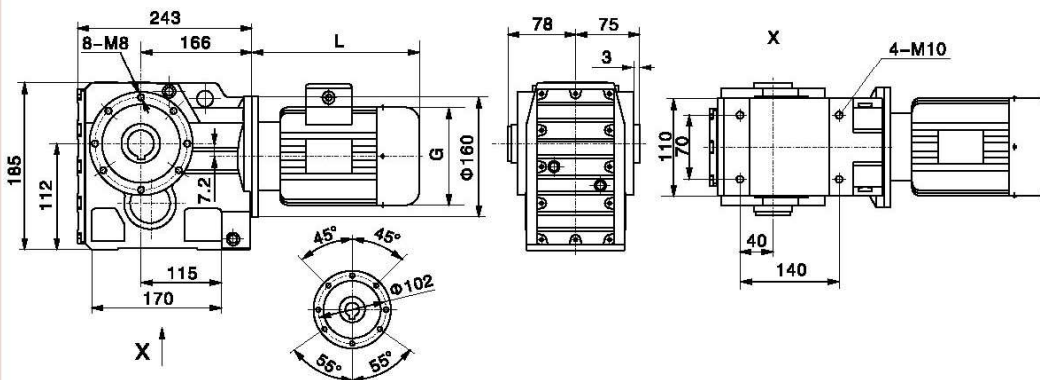
**AK47**



**AKAB47**

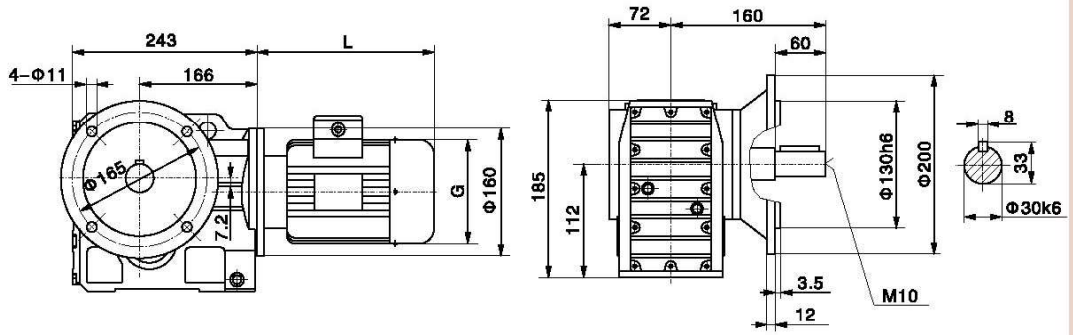


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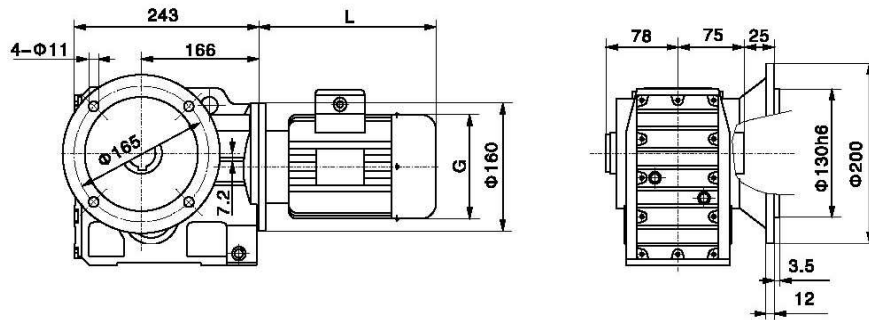
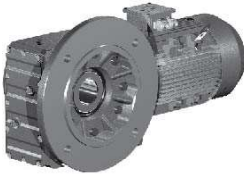




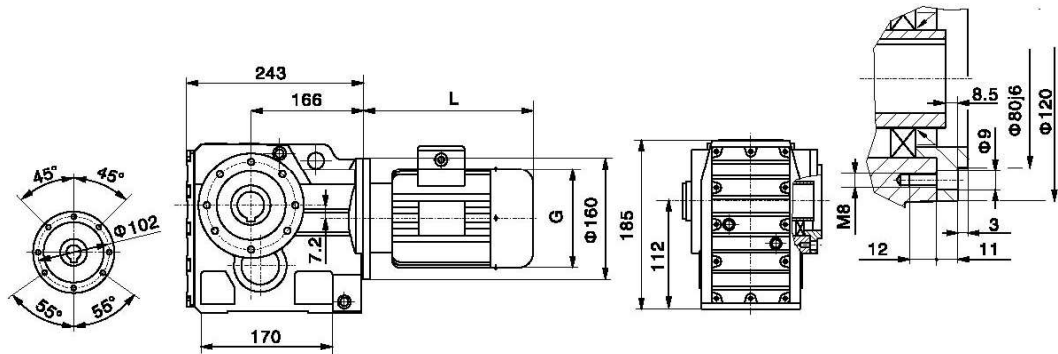
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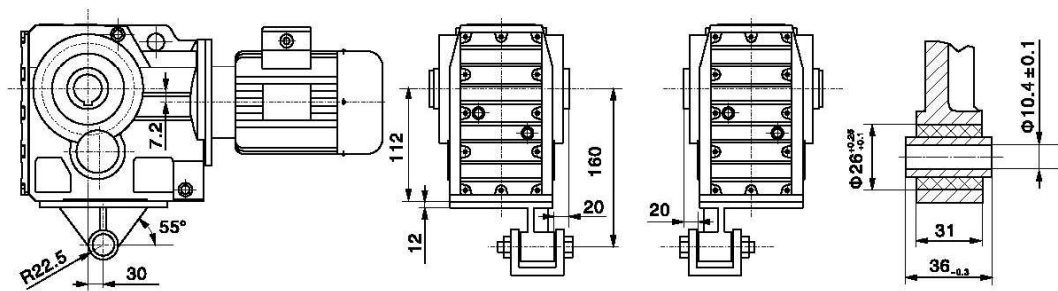
**AKAF47**



**AKAZ47**



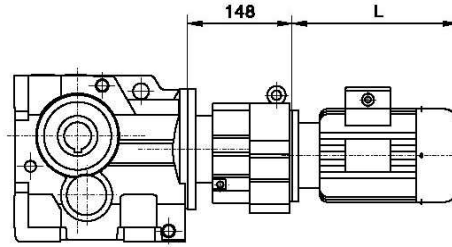
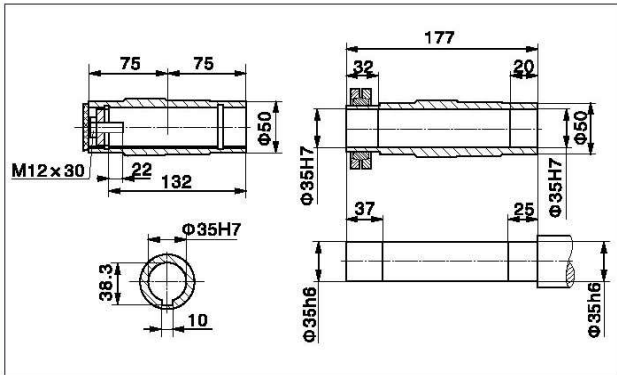
**AKAT47**



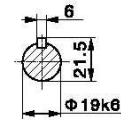
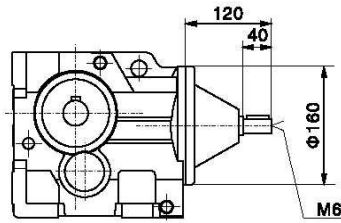
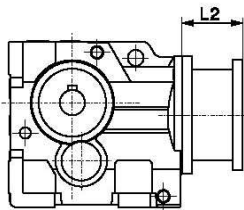
AK



**AK..47AR37**

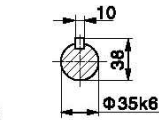
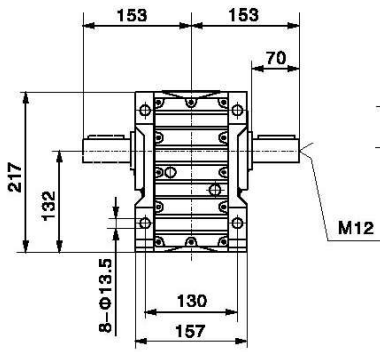
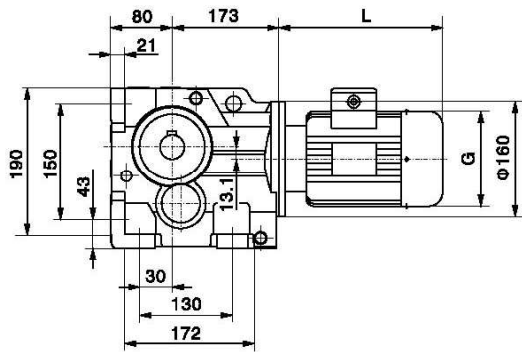


**AK..S47**

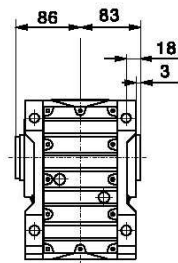
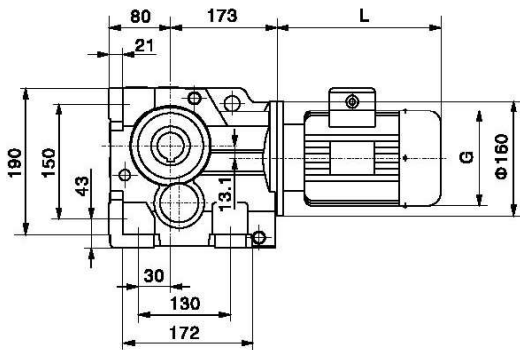


AK

**AK57**



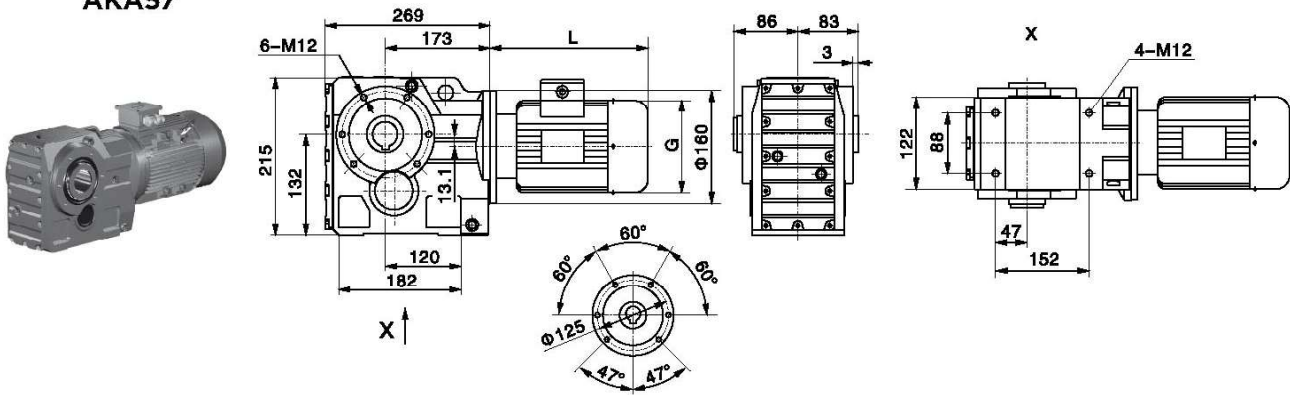
**AKAB57**



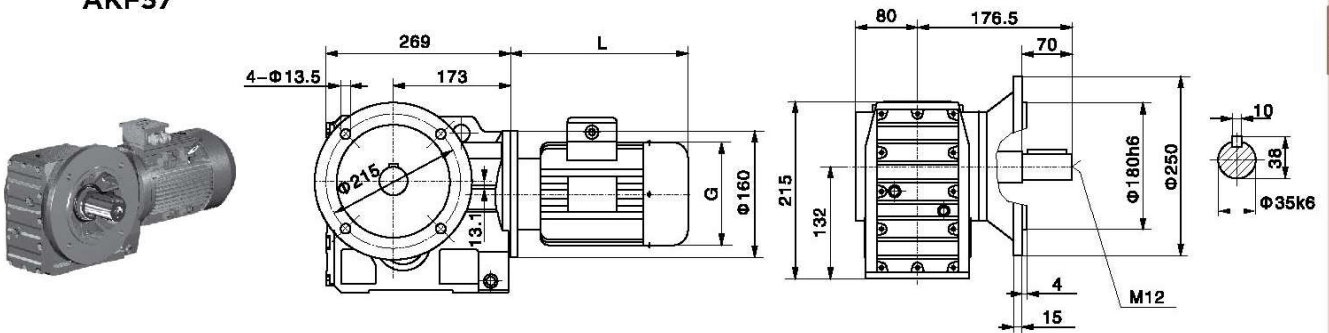




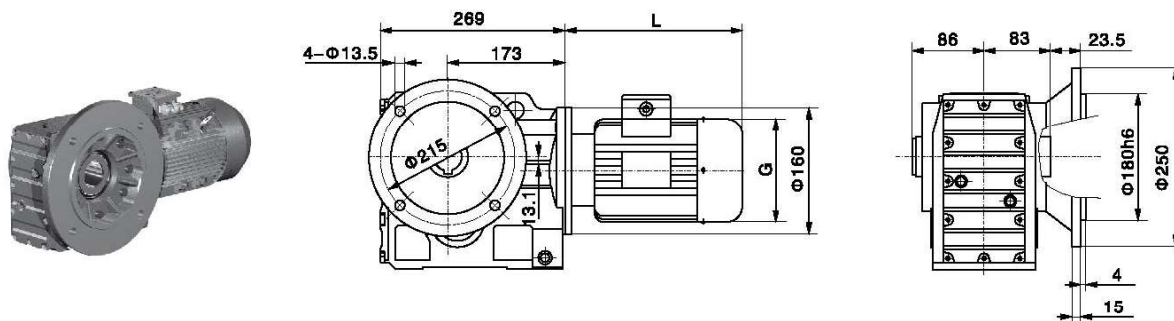
**AKA57**



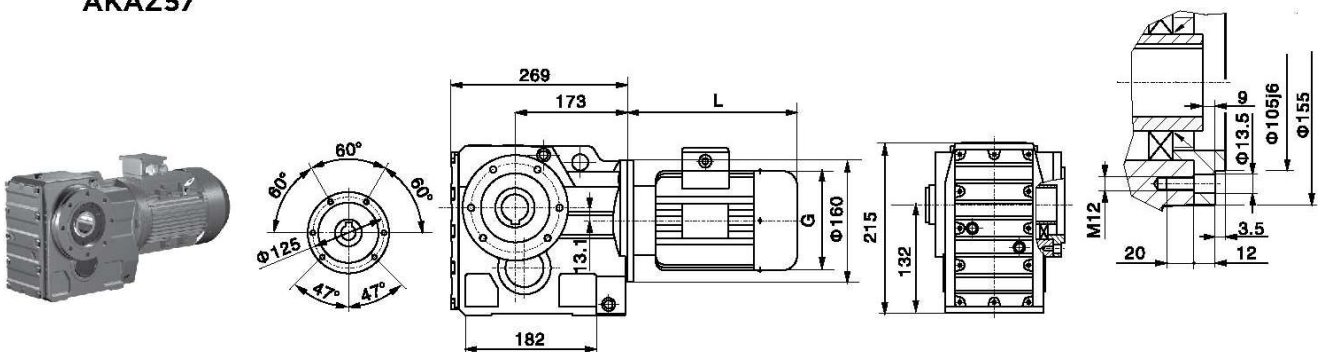
**AKF57**



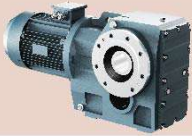
**AKAF57**



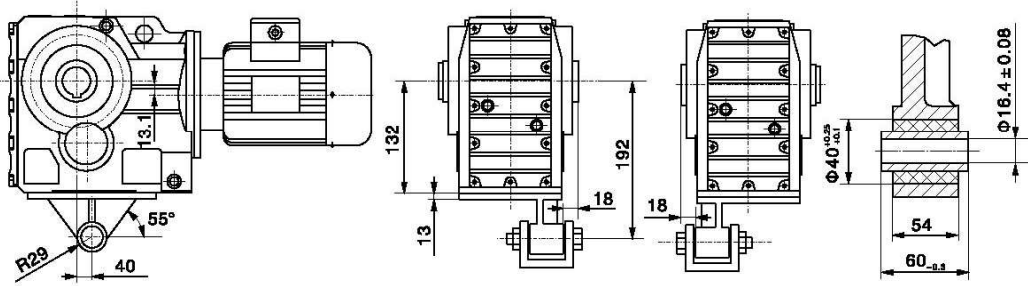
**AKAZ57**



AK

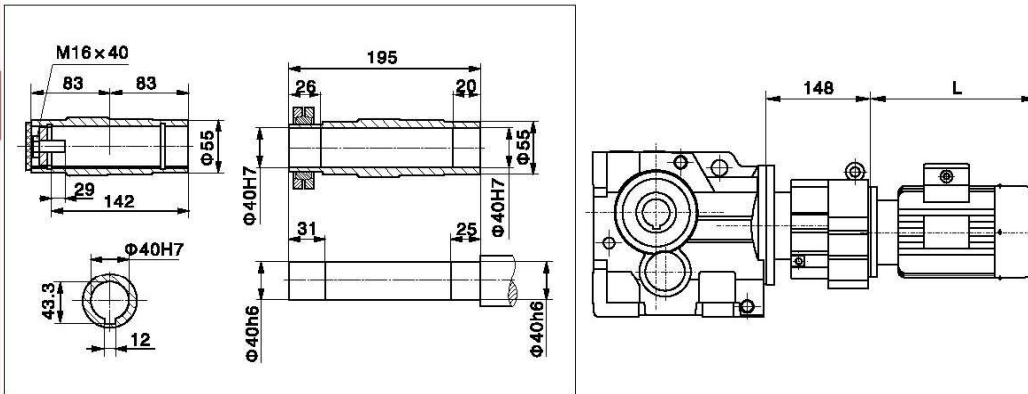


**AKAT57**

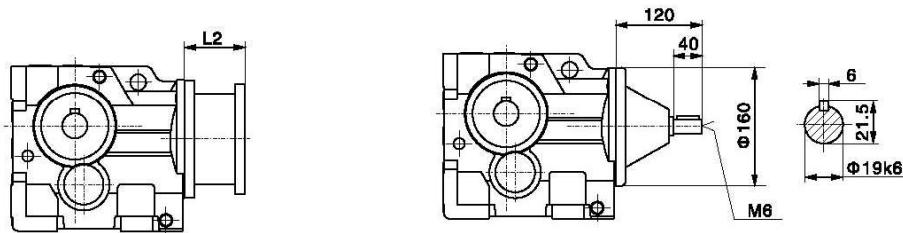


AK

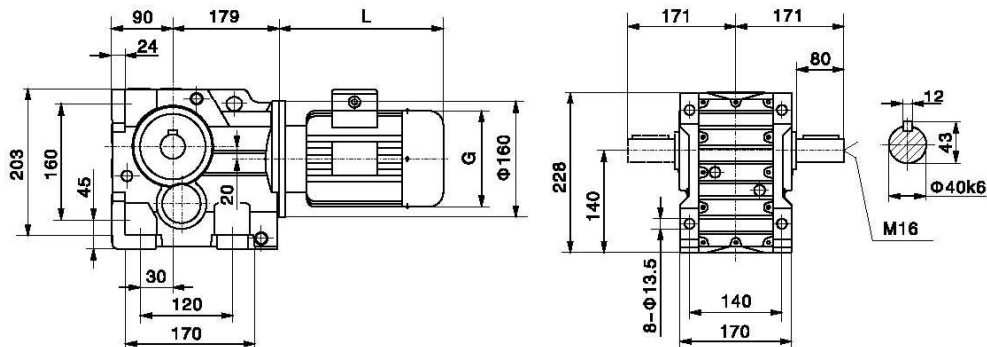
**AK..57AK37**



**AK..S57**

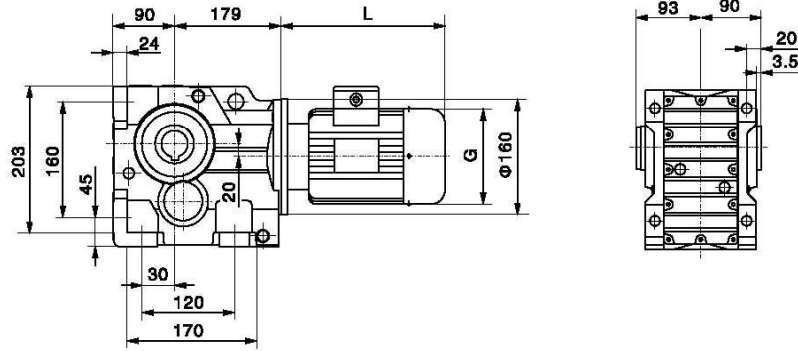


**AK67**

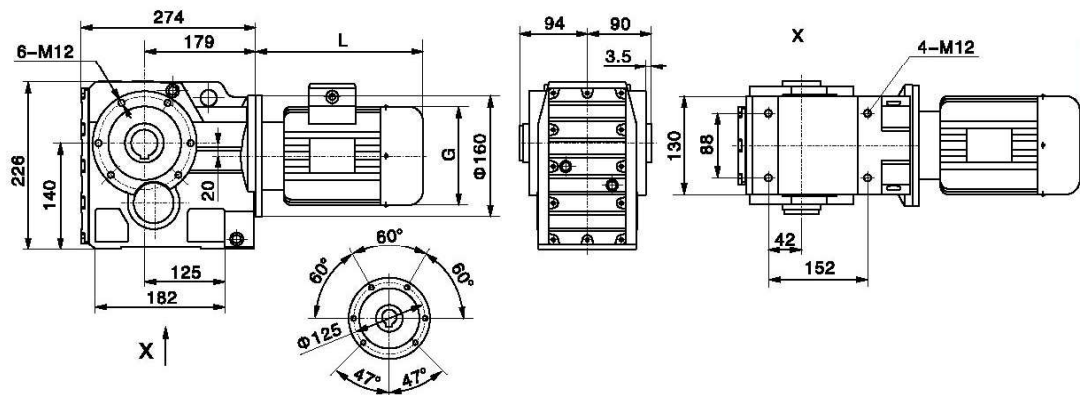




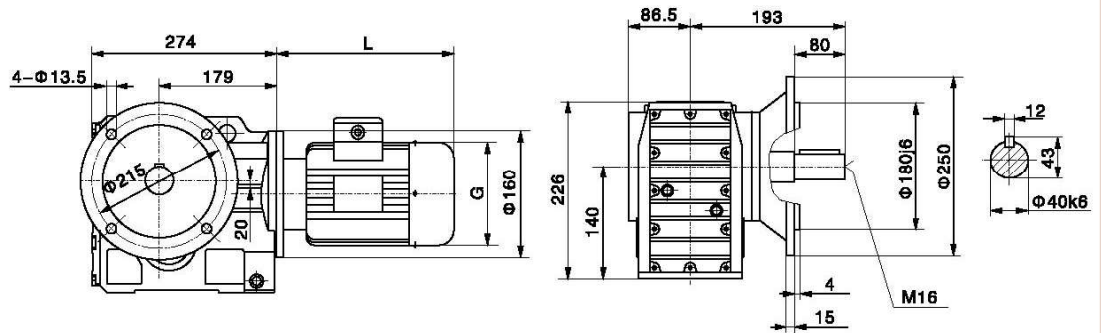
**AKAB67**



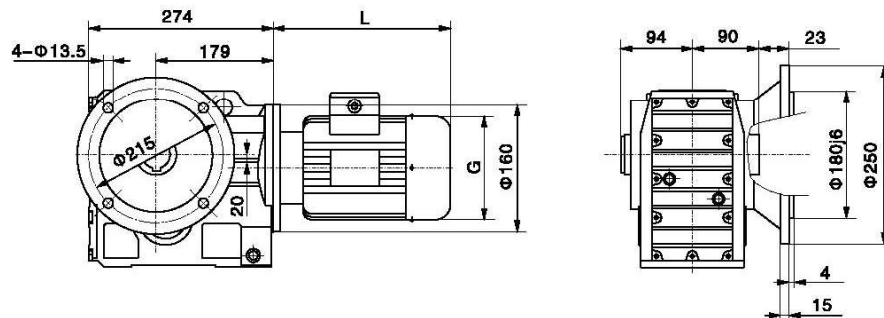
**AKA67**



**AKF67**



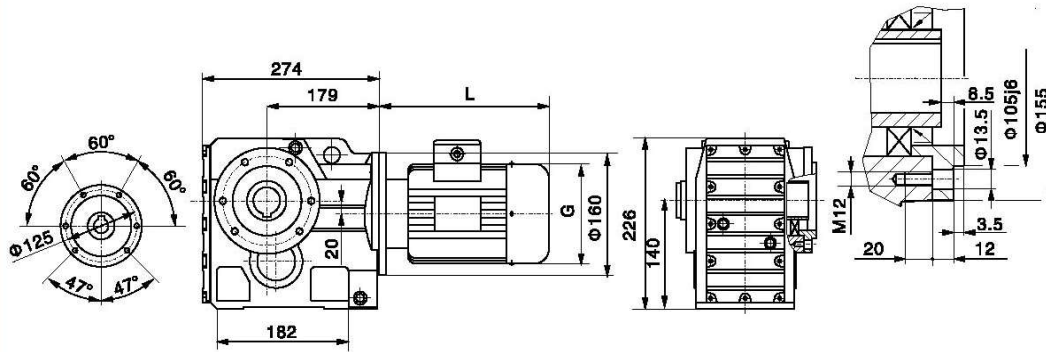
**AKAF67**



AK

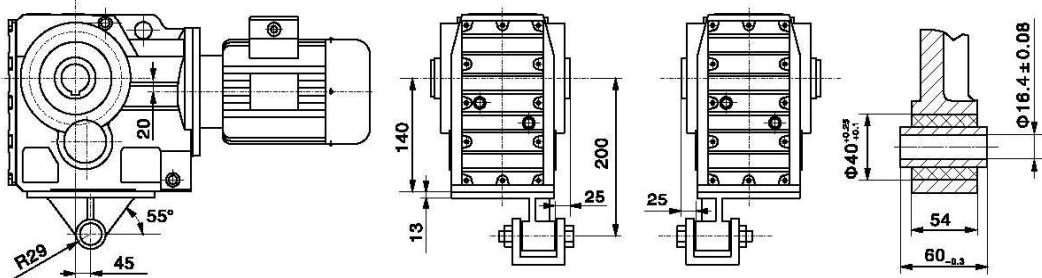


**AKAZ67**

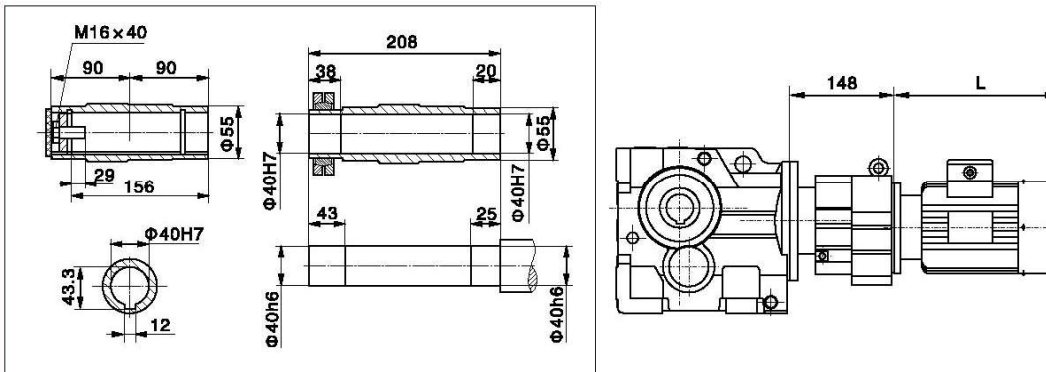


**AKAT67**

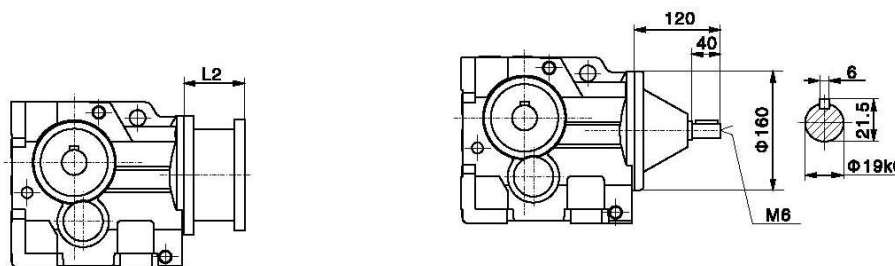
AK



**AK..67AR37**

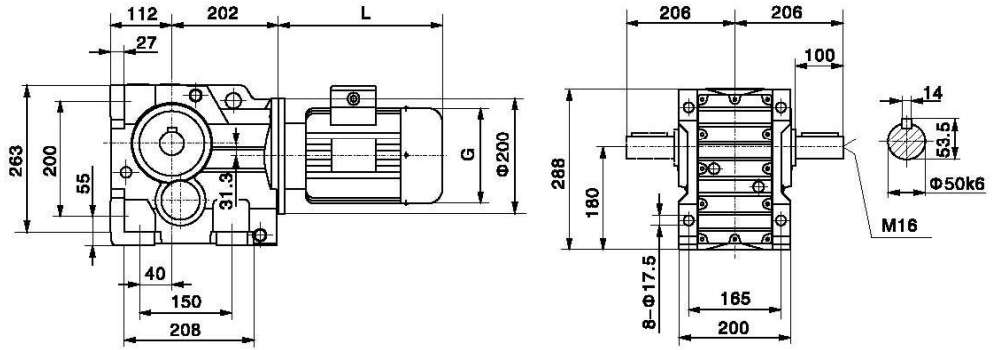


**AK..S67**

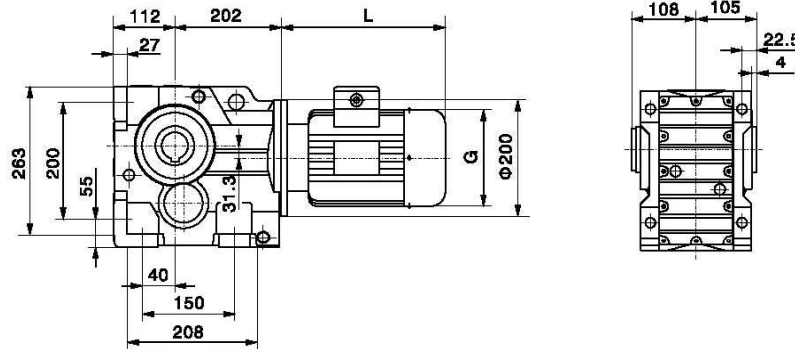




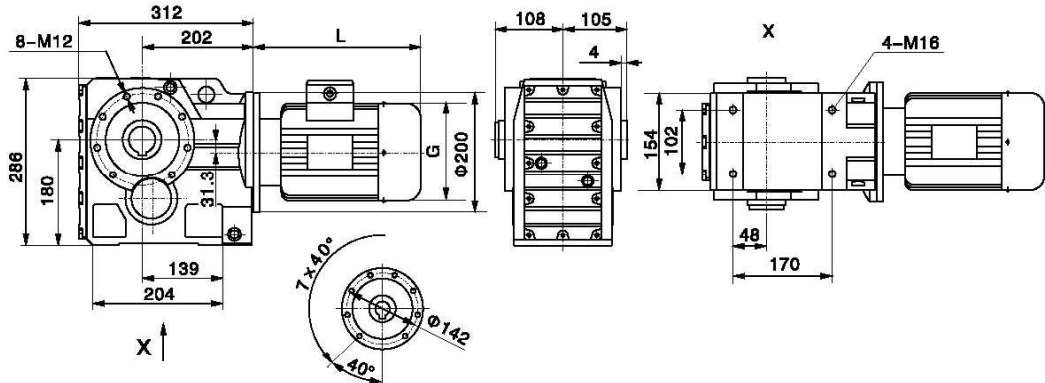
**AK77**



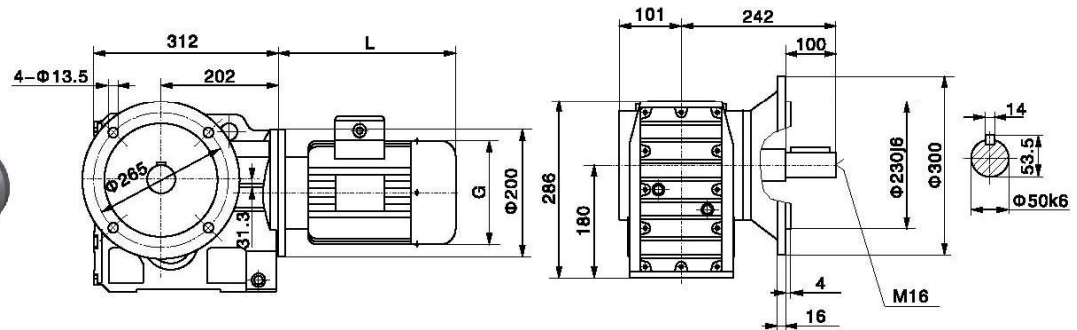
**AKAB77**



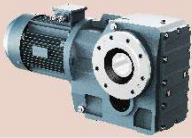
**AKA77**



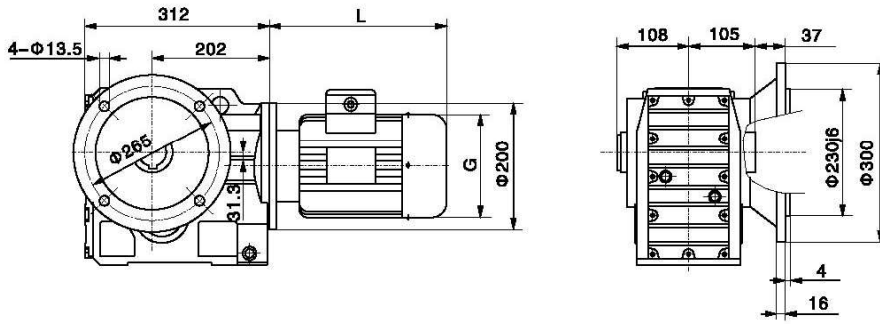
**AKF77**



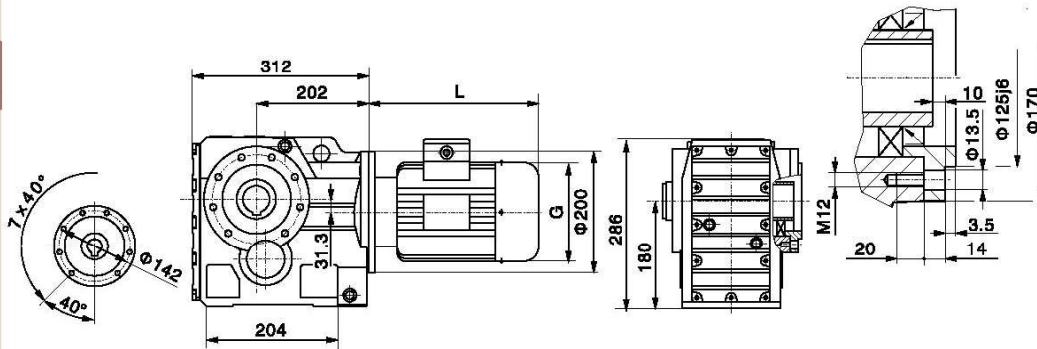
AK



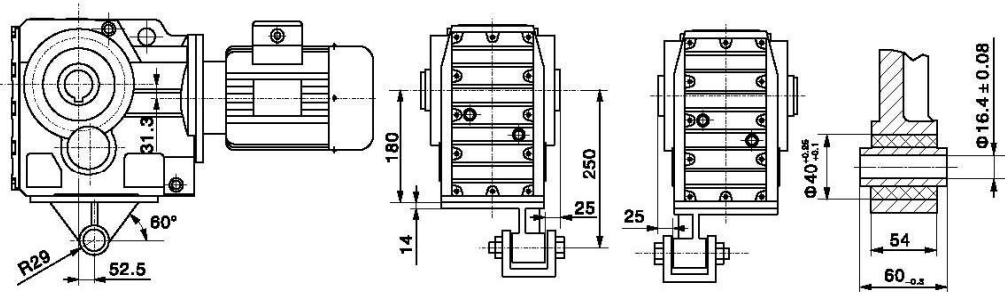
**AKAF77**



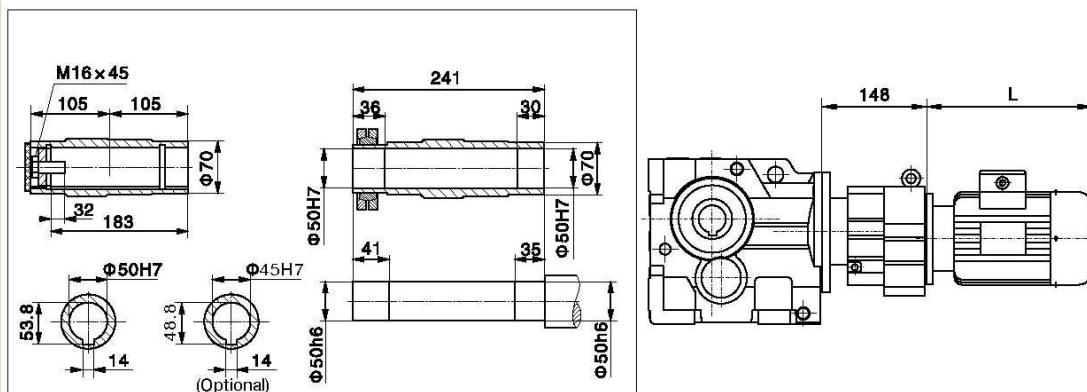
**AKAZ77**



**AKAT77**



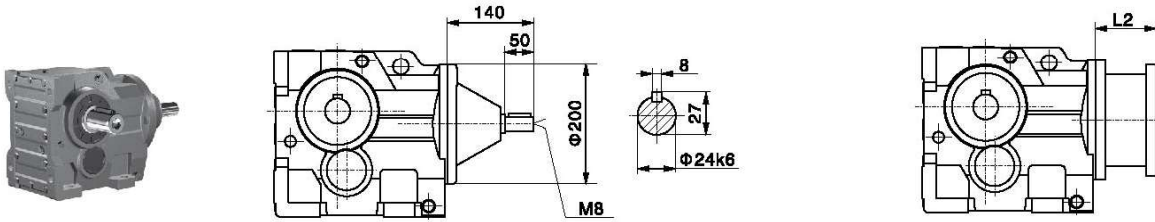
**AK..77AR37**



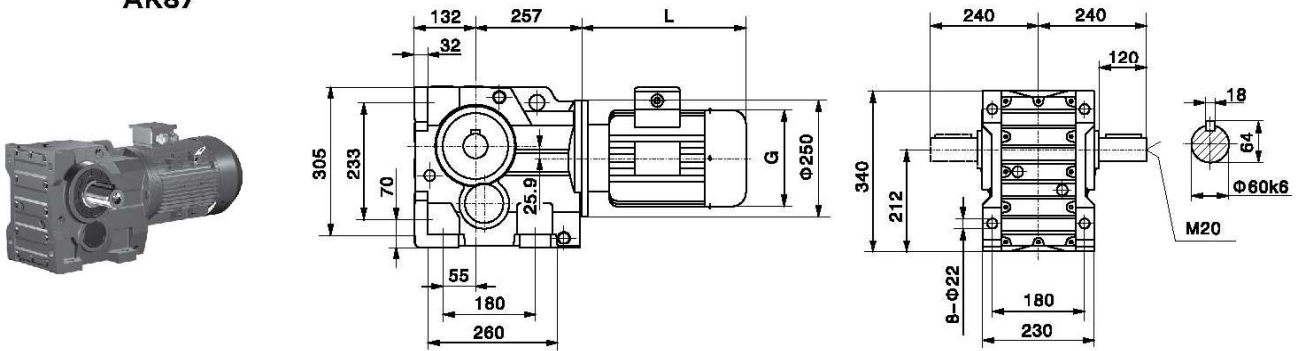
AK



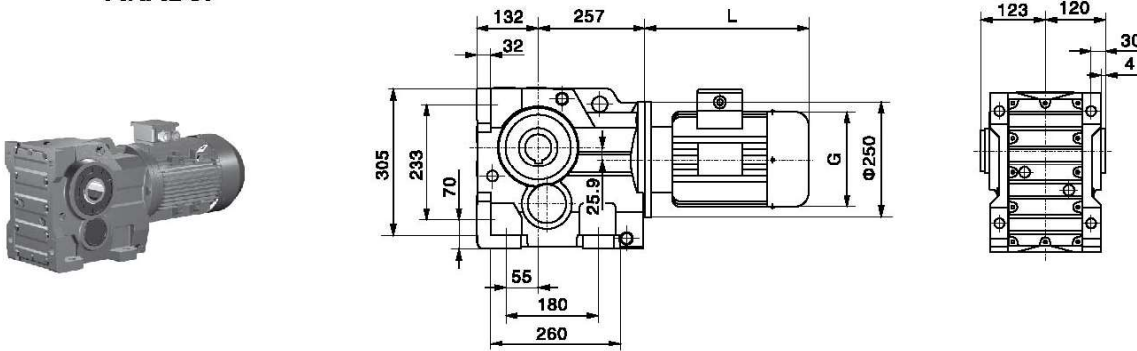
**AK..S77**



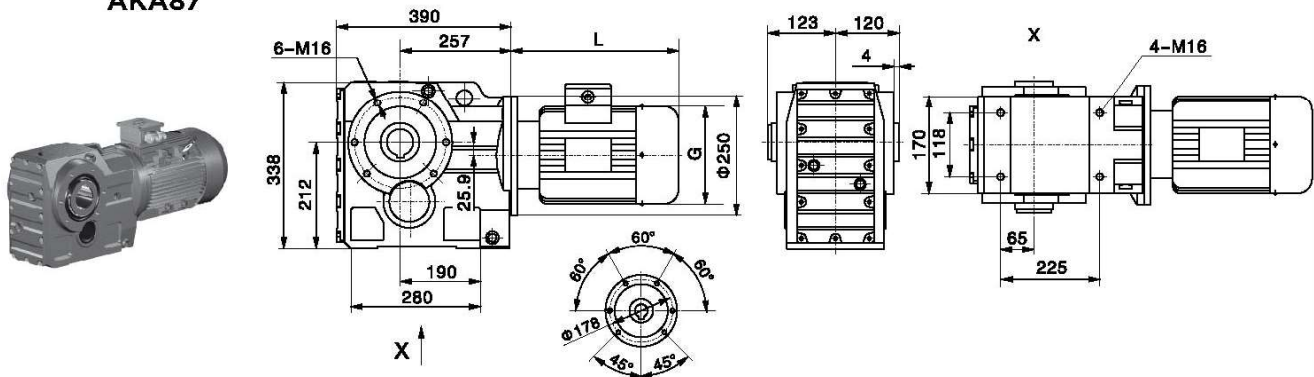
**AK87**



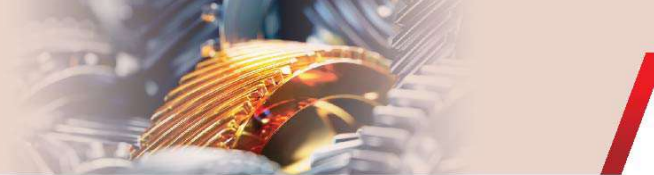
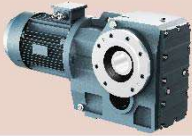
**AKAB87**



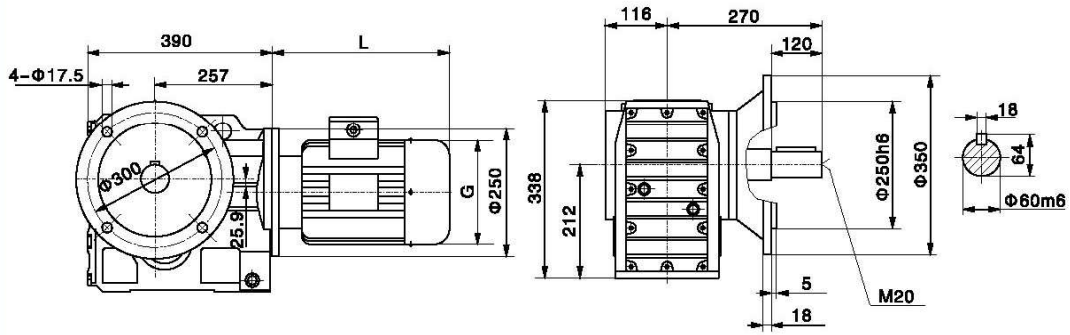
**AKA87**



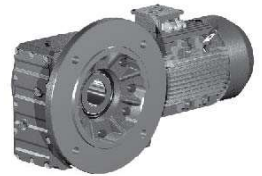
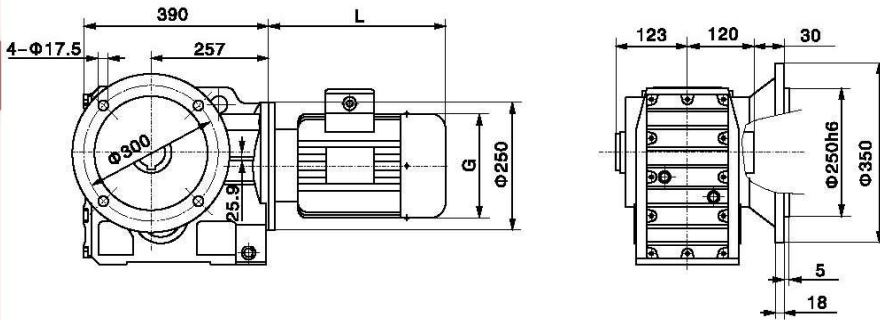
AK



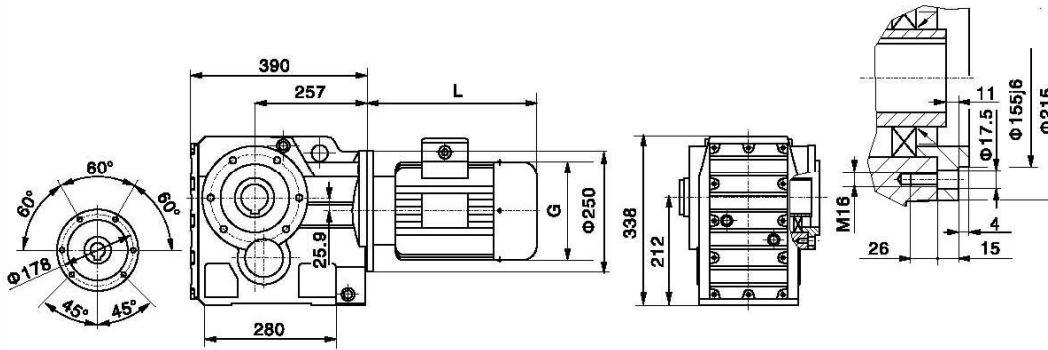
**AKF87**



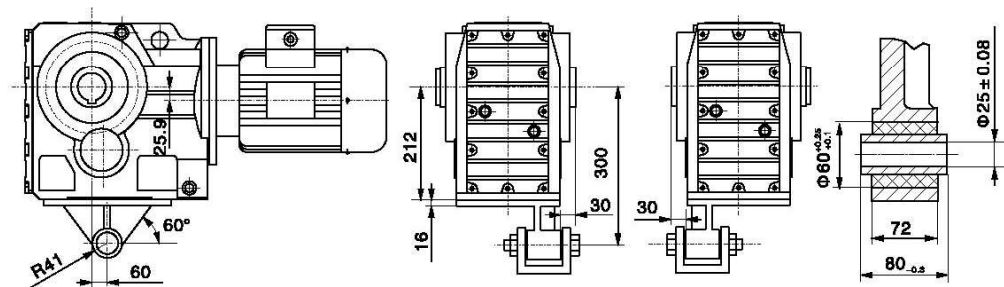
**AKAF87**



**AKAZ87**



**AKAT87**

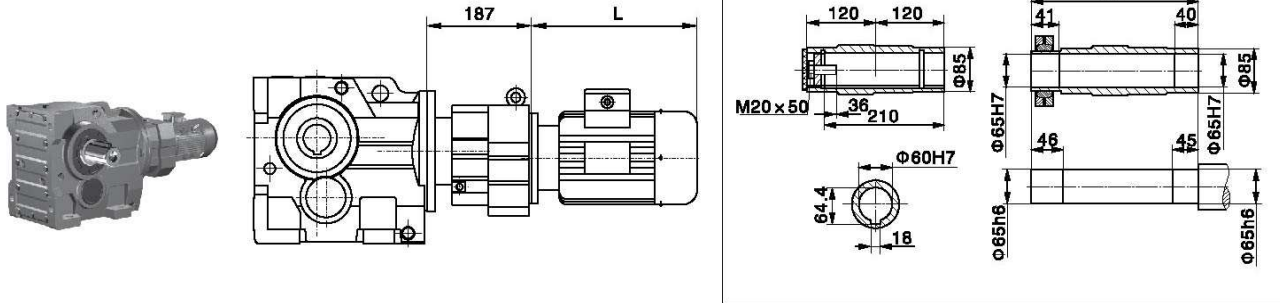


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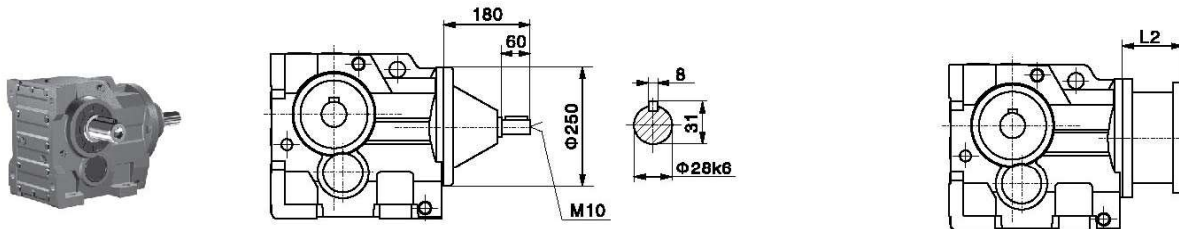




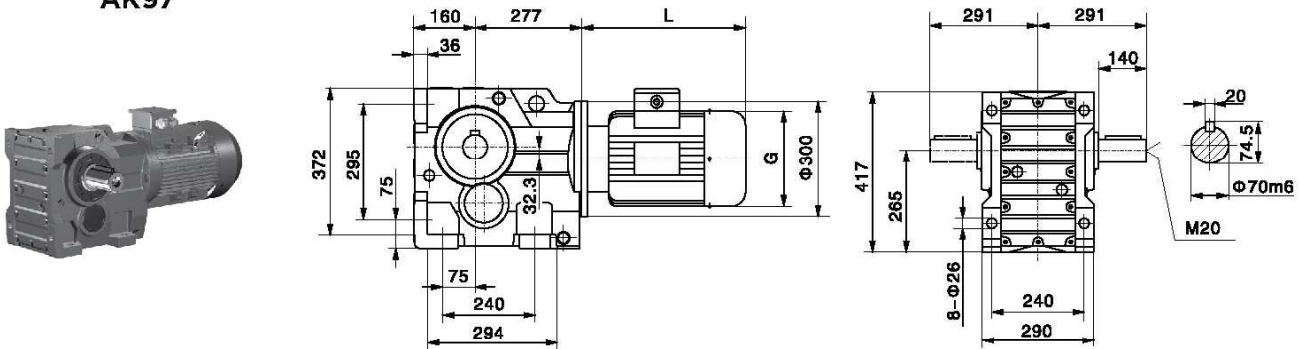
**AK..87AR57**



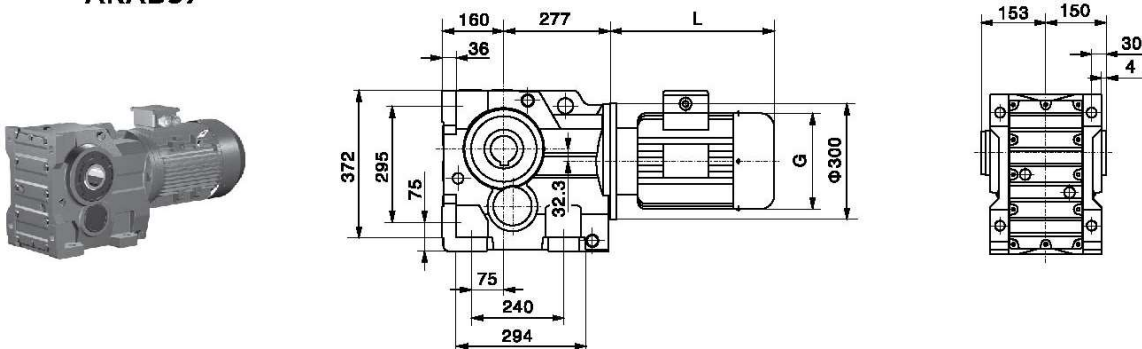
**AK..S87**



**AK97**

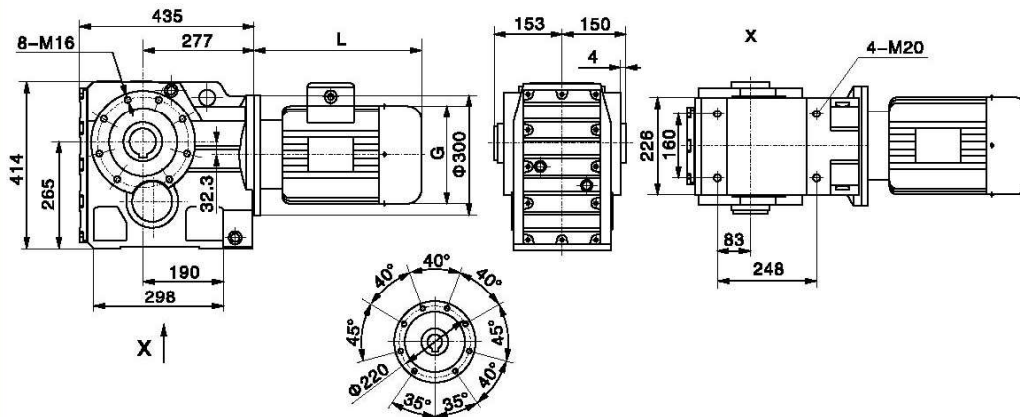


**AKAB97**

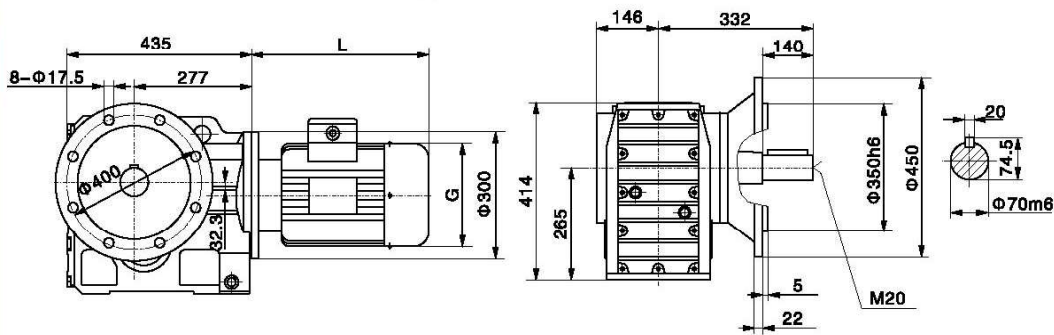




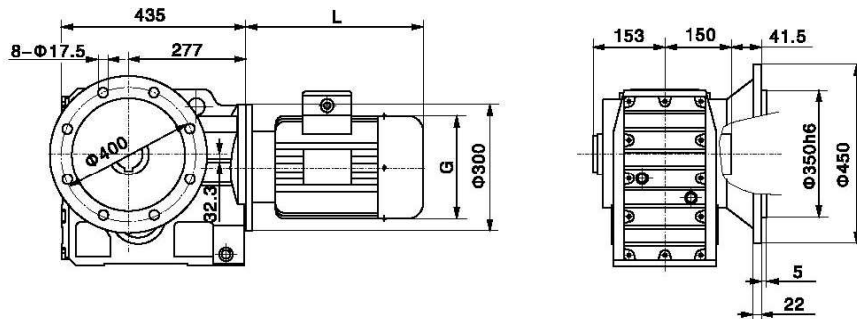
**AKA97**



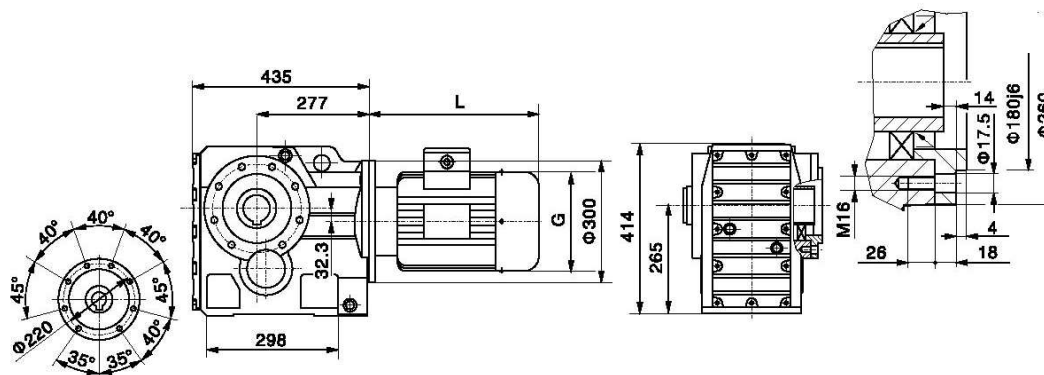
**AKF97**



**AKAF97**



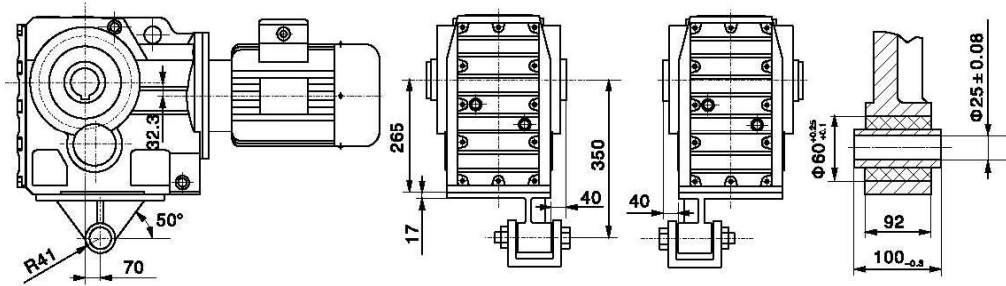
**AKAZ97**



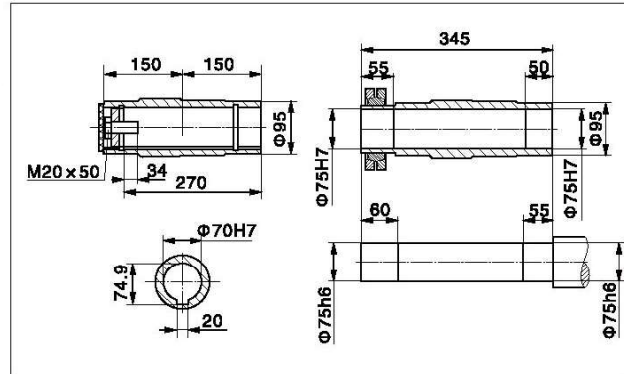
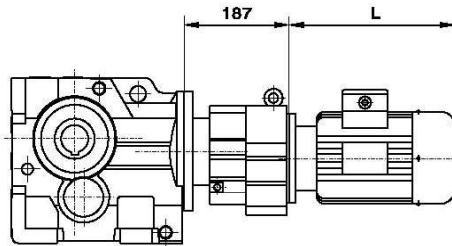
AK



**AKAT97**

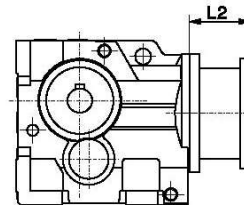
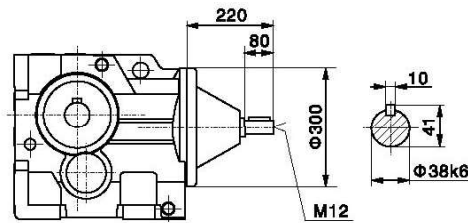


**AK..97AR57**

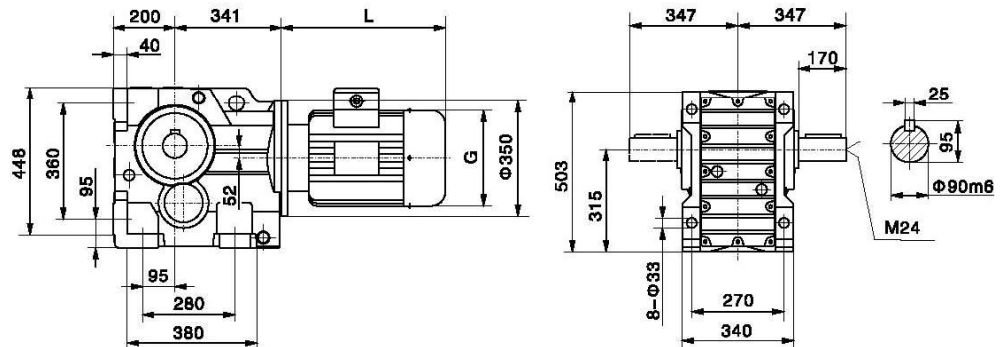


AK

**AK..S97**

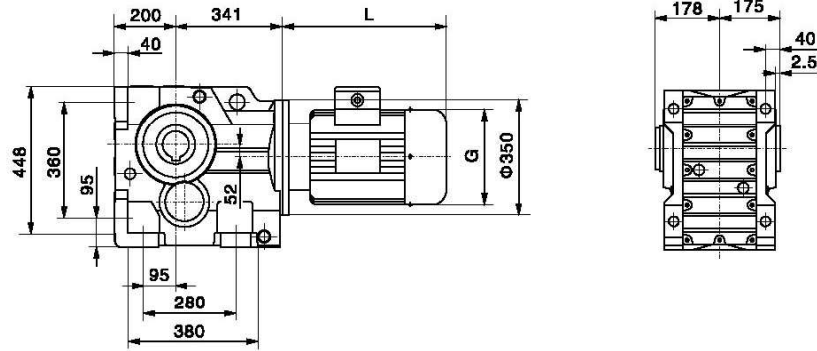


**AK107**

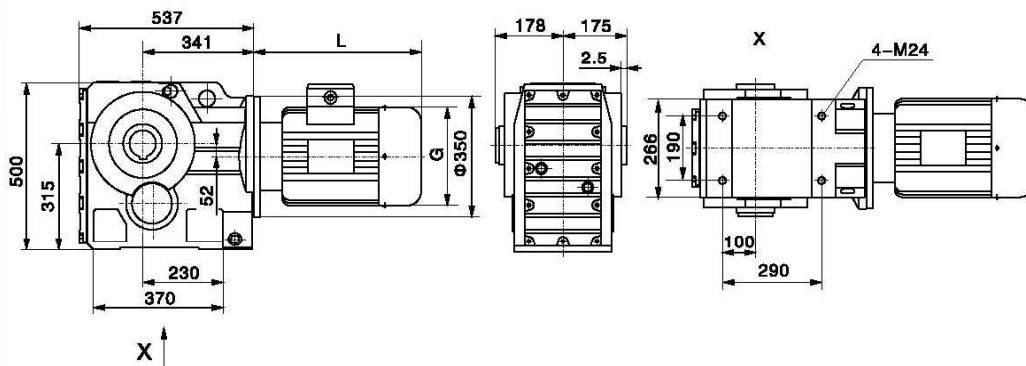




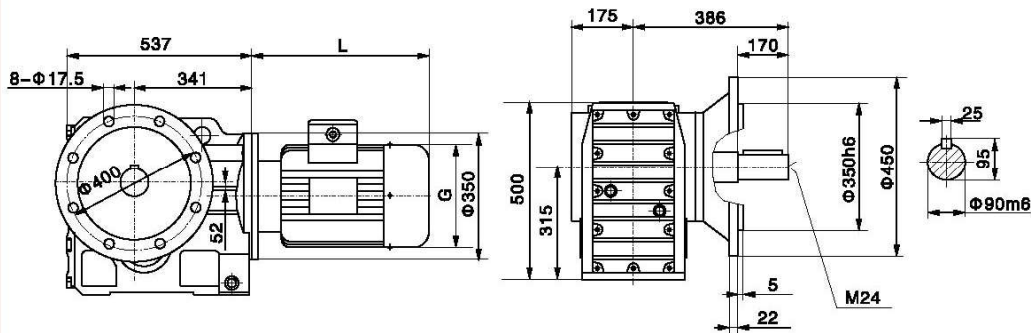
**AKAB107**



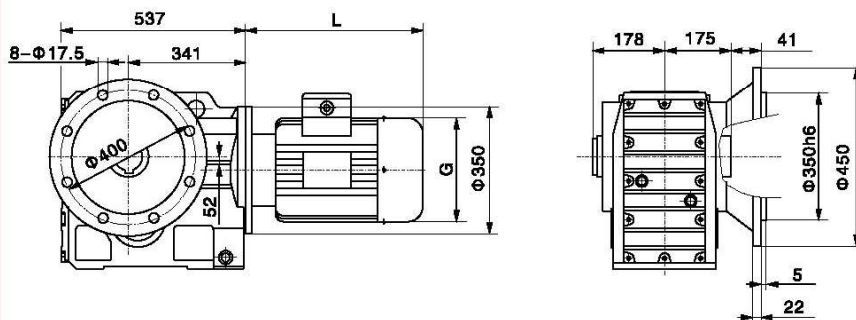
**AKA107**



**AKF107**



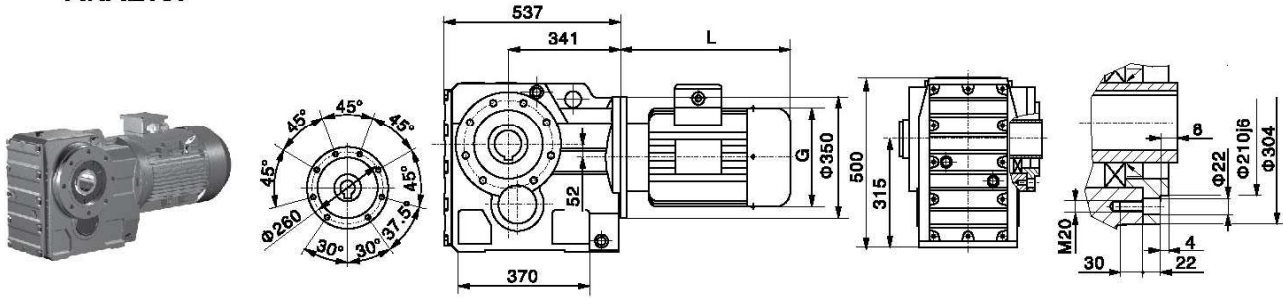
**AKAF107**



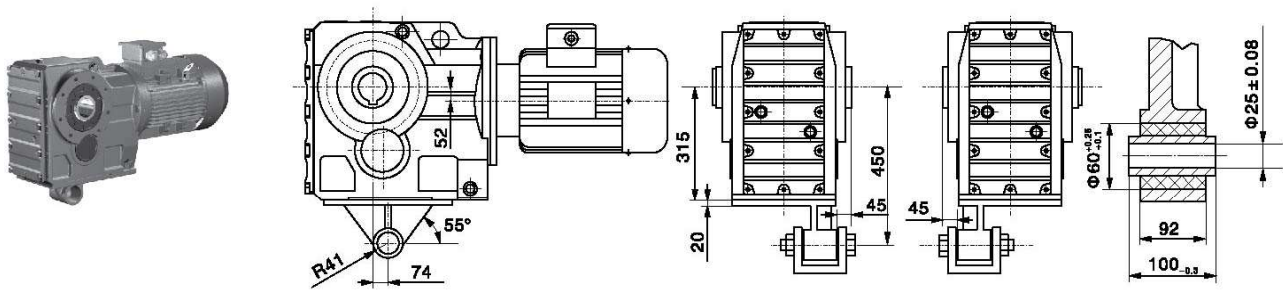
AK



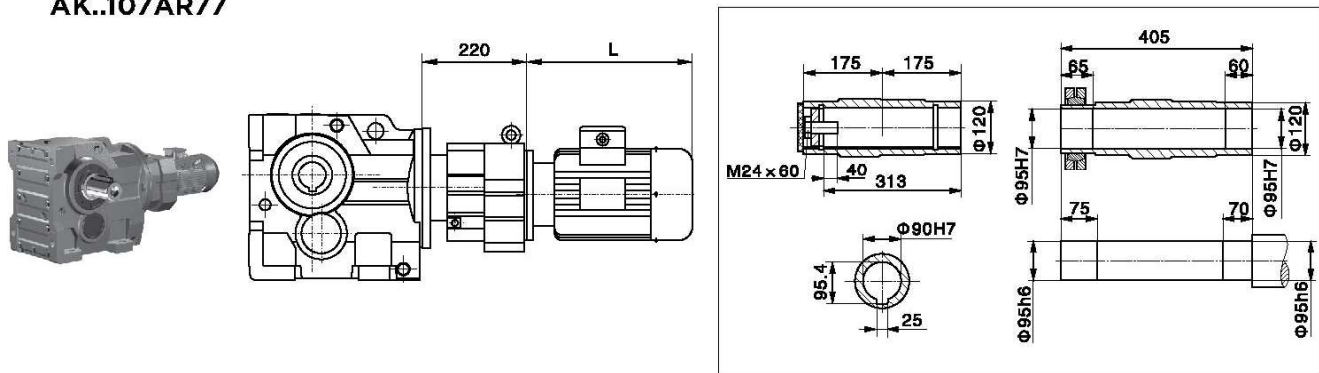
**AKAZ107**



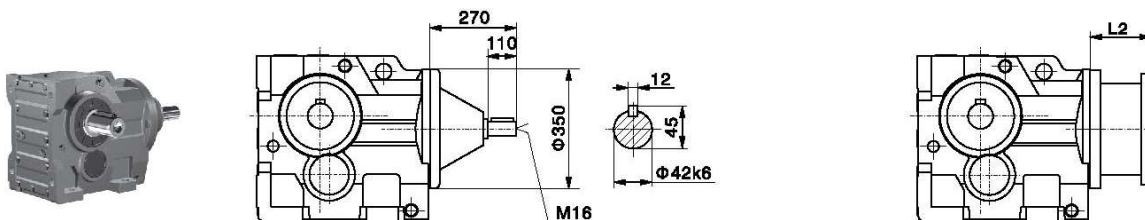
**AKAT107**



**AK..107AR77**



**AK..S107**

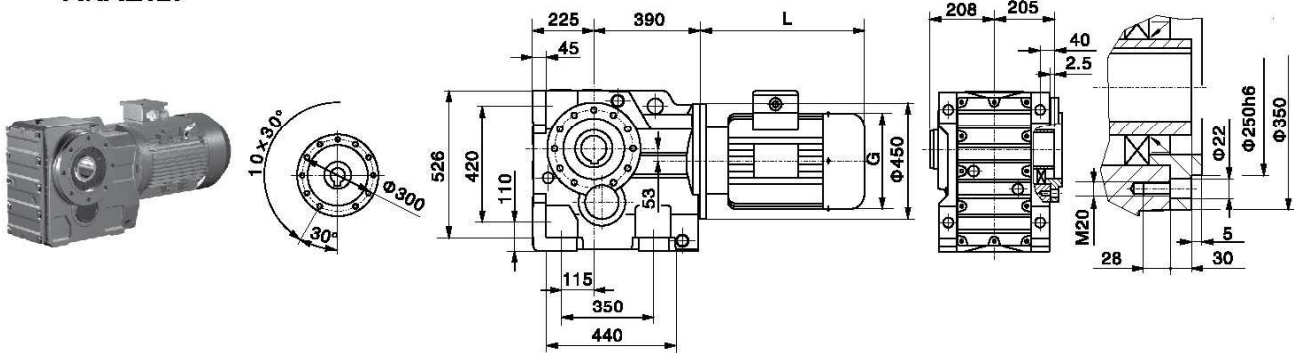


AK

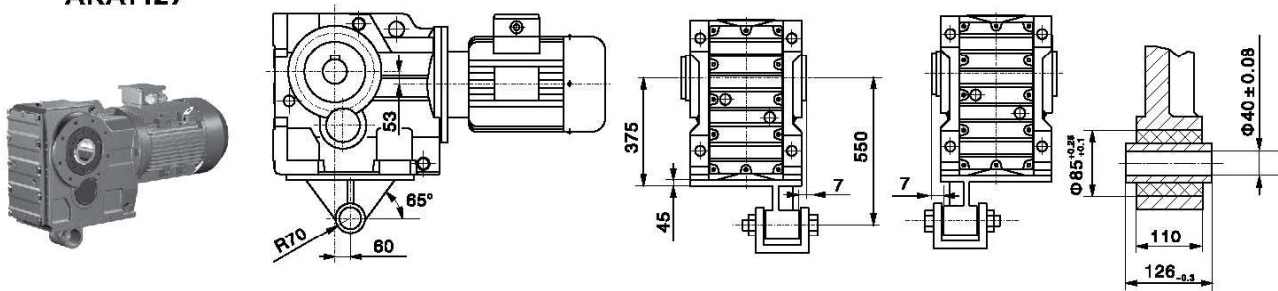




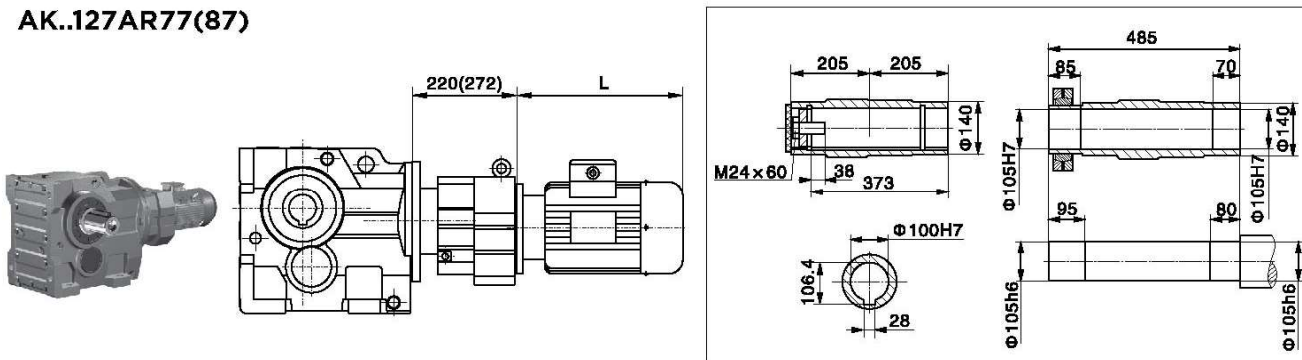
**AKAZ127**



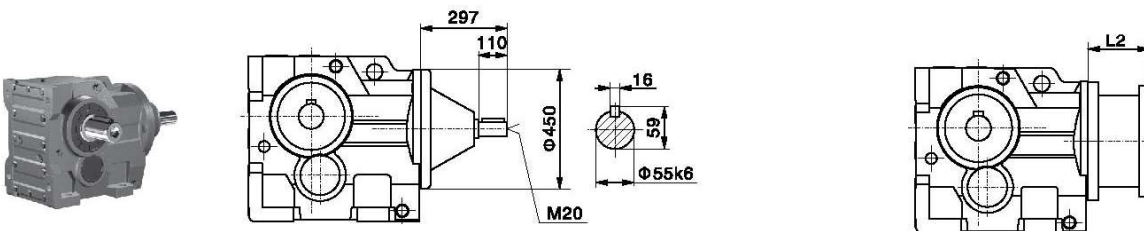
**AKAT127**



**AK..127AR77(87)**



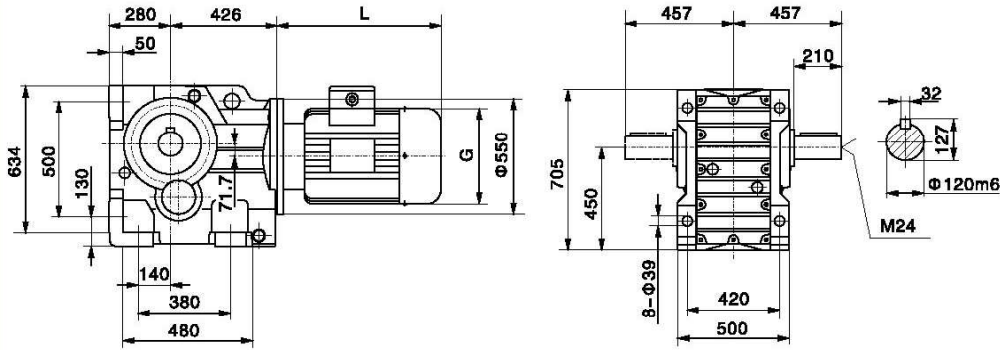
**AK..S127**



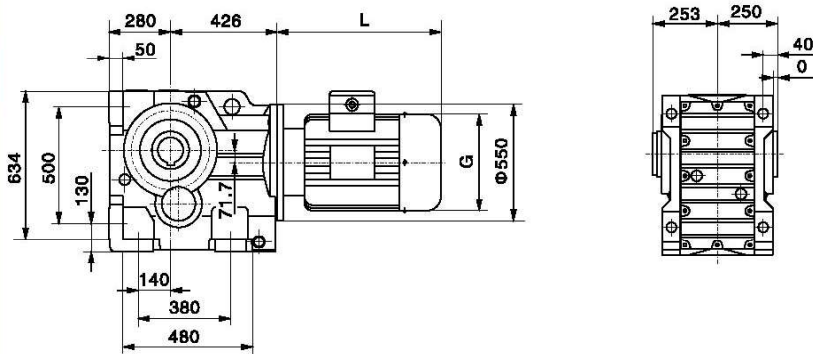
AK



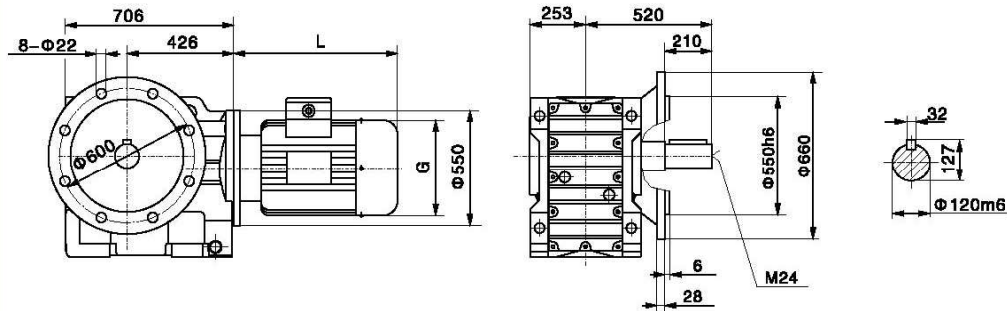
**AK157**



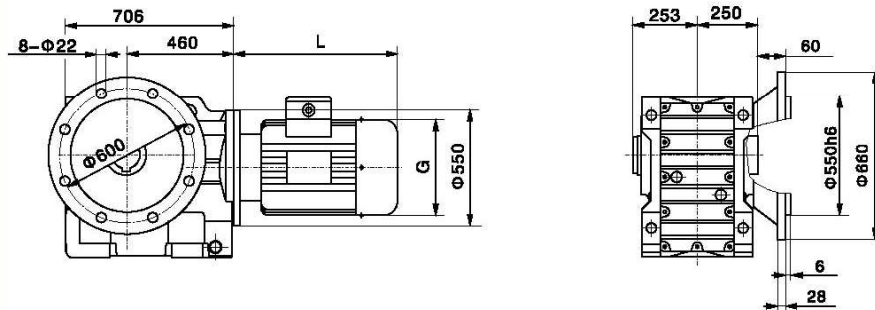
**AKAB157**



**AKF157**



**AKAF157**

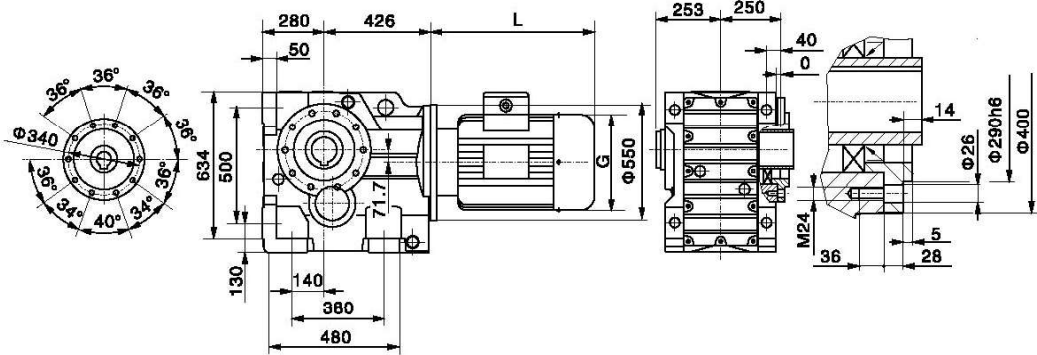


AK

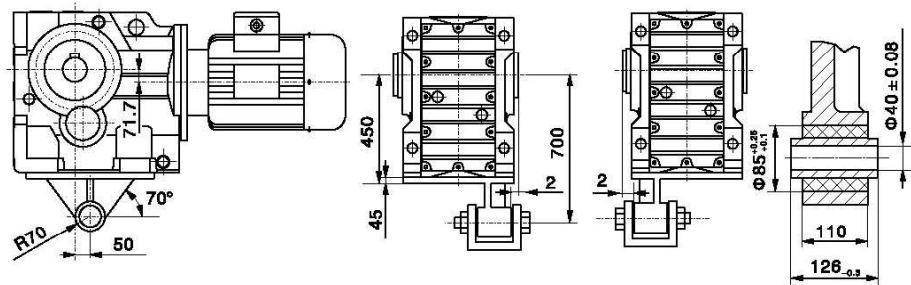




**AKAZ157**

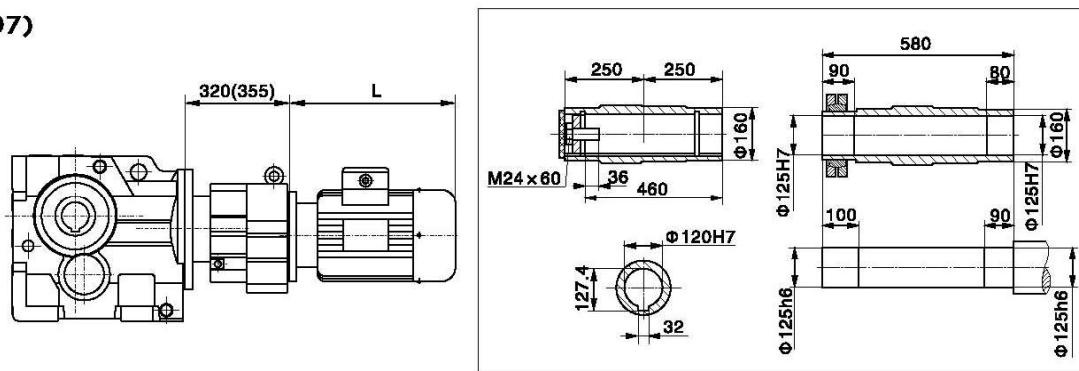


**AKAT157**

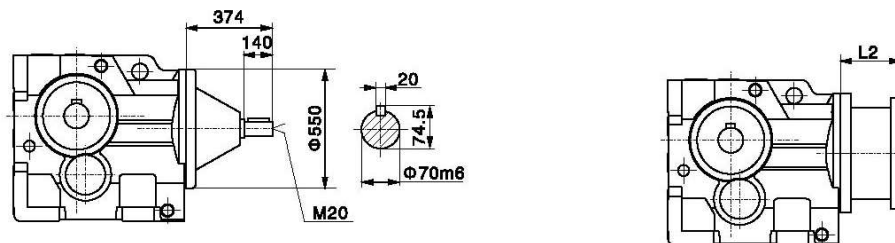


AK

**AK..157AR97(107)**

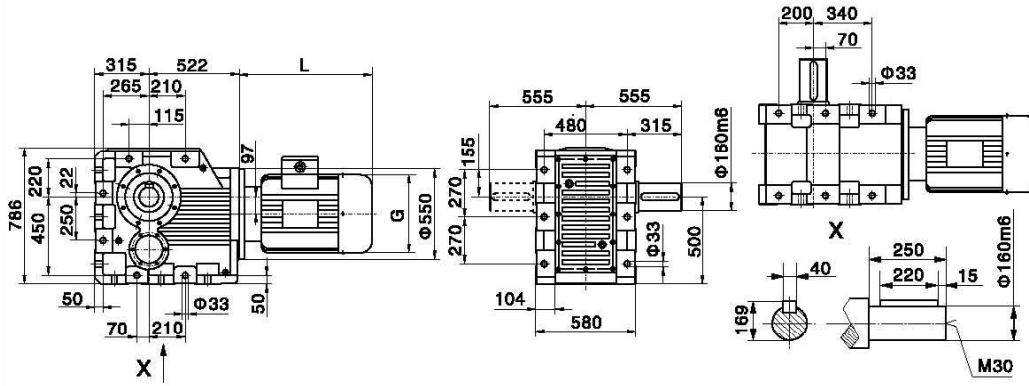


**AK..S157**



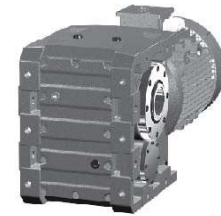
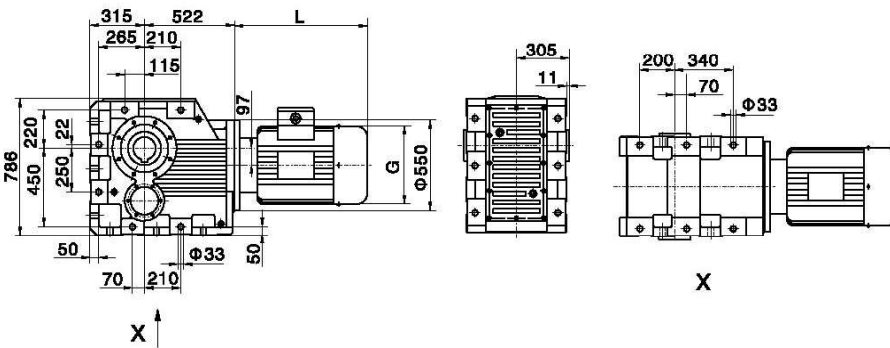


**AK167**

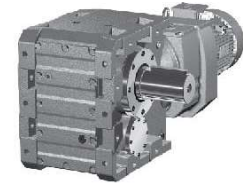
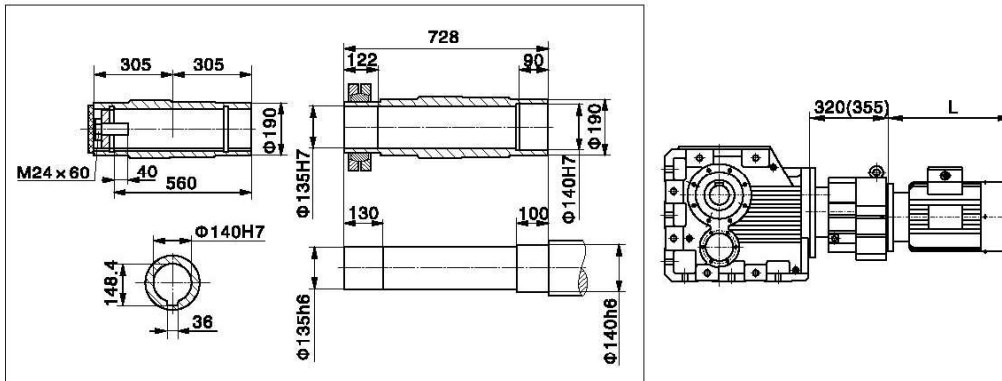


**AKA167**

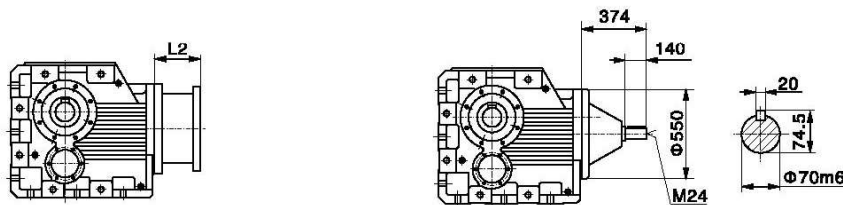
AK



**AK.167AR97(107)**

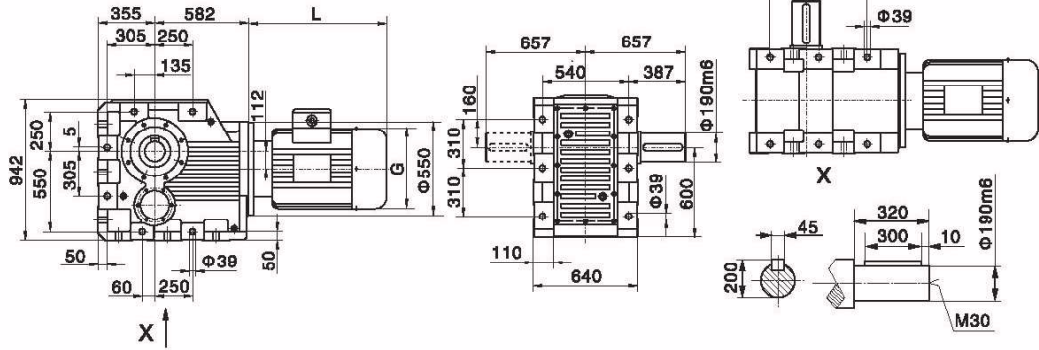


**AK..S167**

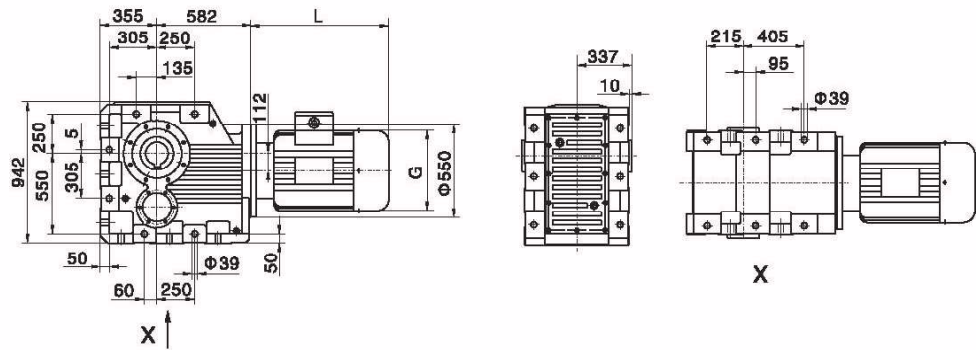




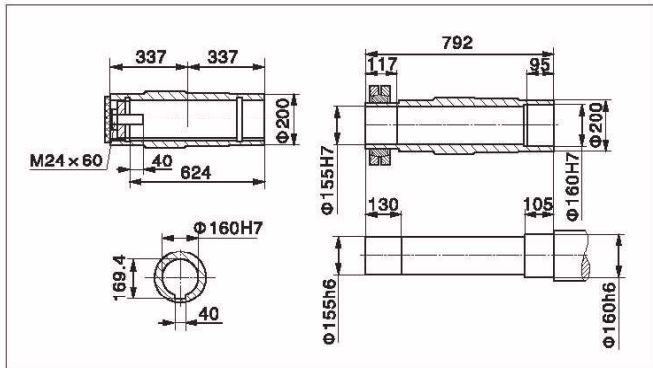
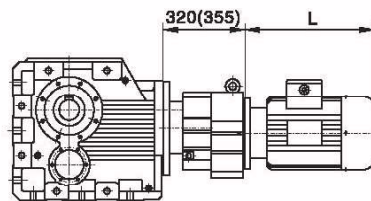
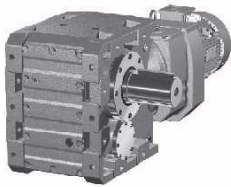
**AK187**



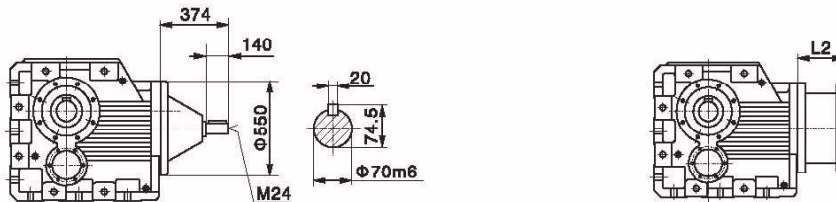
**AKA187**



**AK..187AR97(107)**



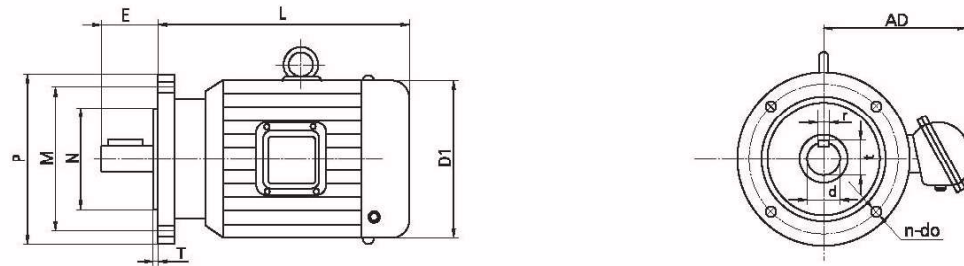
**AK..S187**



AK



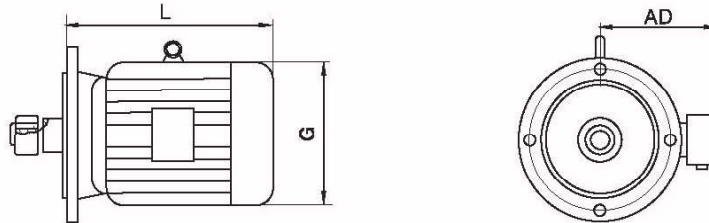
### Appearance and Installation Size of Standard Electric Motor (B5)



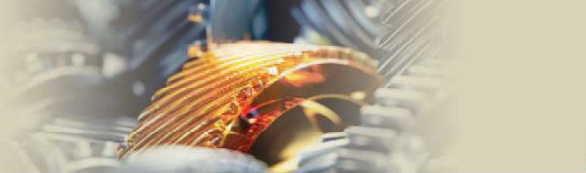
| Motor | Motor power and poles |              |              | Size |              |     |     |        |              |            |          |          |     |     |              |  |
|-------|-----------------------|--------------|--------------|------|--------------|-----|-----|--------|--------------|------------|----------|----------|-----|-----|--------------|--|
|       | 4P                    | 6P           | 8P           | M    | N<br>( JS6 ) | P   | T   | n-do   | d            | E          | r        | t        | D1  | AD  | L            |  |
| 56    | 0.09<br>0.12          |              |              | 100  | 80           | 120 | 3   | 4 × 9  | 9j6          | 20         | 3        | 11.2     | 115 | 90  | 190          |  |
| 63    | 0.12<br>0.18          |              |              | 115  | 95           | 140 | 3   | 4 × 10 | 11j6         | 23         | 4        | 12.5     | 130 | 70  | 217          |  |
| 71    | 0.25<br>0.37          | 0.18<br>0.25 |              | 130  | 110          | 160 | 3.5 | 4 × 10 | 14j6         | 30         | 5        | 16       | 145 | 80  | 225          |  |
| 80    | 0.55<br>0.75          | 0.37<br>0.55 | 0.18<br>0.25 | 165  | 130          | 200 | 3.5 | 4 × 10 | 19j6         | 40         | 6        | 21.5     | 165 | 150 | 225          |  |
| 90S   | 1.1                   | 0.75         | 0.37         | 165  | 130          | 200 | 3.5 | 4 × 10 | 24j6         | 50         | 8        | 27       | 175 | 155 | 270          |  |
| 90L   | 1.5                   | 1.1          | 0.55         | 165  | 130          | 200 | 3.5 | 4 × 10 | 24j6         | 50         | 8        | 27       | 175 | 155 | 295          |  |
| 100L1 | 2.2                   | 1.5          | 0.75         | 215  | 180          | 250 | 4   | 4 × 15 | 28j6         | 60         | 8        | 31       | 215 | 180 | 325          |  |
| 100L2 | 3.0                   |              | 1.1          | 215  | 180          | 250 | 4   | 4 × 15 | 28j6         | 60         | 8        | 31       | 215 | 180 | 325          |  |
| 112M  | 4.0                   | 2.2          | 1.5          | 215  | 180          | 250 | 4   | 4 × 15 | 28j6         | 60         | 8        | 31       | 240 | 190 | 345          |  |
| 132S  | 5.5                   | 3.0          | 2.2          | 265  | 230          | 300 | 4   | 4 × 15 | 38K6         | 80         | 10       | 41       | 275 | 210 | 390          |  |
| 132M  | 7.5                   | 4.0<br>5.5   | 3.0          | 265  | 230          | 300 | 4   | 4 × 15 | 38K6         | 80         | 10       | 41       | 275 | 210 | 410          |  |
| 160M  | 11                    | 7.5          | 4.0<br>5.5   | 300  | 250          | 350 | 5   | 4 × 19 | 42K6         | 110        | 12       | 46       | 330 | 255 | 505          |  |
| 160L  | 15                    | 11           | 7.5          | 300  | 250          | 350 | 5   | 4 × 19 | 42K6         | 110        | 12       | 46       | 330 | 255 | 505          |  |
| 180M  | 18.5                  |              |              | 300  | 250          | 350 | 5   | 4 × 19 | 48K6         | 110        | 14       | 51.5     | 380 | 280 | 590          |  |
| 180L  | 22                    | 15           | 11           | 300  | 250          | 350 | 5   | 4 × 19 | 48K6         | 110        | 14       | 51.5     | 380 | 280 | 630          |  |
| 200L  | 30                    | 18.5<br>22   | 15           | 350  | 300          | 400 | 5   | 4 × 19 | 55M6         | 110        | 16       | 59       | 420 | 305 | 660          |  |
| 225S  | 37                    |              | 18.5         | 400  | 350          | 450 | 5   | 4 × 19 | 60m6         | 140        | 18       | 53       | 450 | 345 | 680          |  |
| 225M  | 45                    | 30           | 22           | 400  | 350          | 450 | 5   | 8 × 19 | 55m6<br>60m6 | 110<br>140 | 16<br>18 | 60<br>65 | 450 | 345 | 705          |  |
| 250M  | 55                    | 37           | 30           | 500  | 450          | 550 | 5   | 8 × 19 | 60m6<br>65m6 | 140        | 18<br>18 | 65<br>70 | 510 | 370 | 770          |  |
| 280S  | 75                    | 45           | 37           | 500  | 450          | 550 | 5   | 8 × 19 | 65m6<br>75m6 | 140        | 18<br>20 | 70<br>80 | 580 | 410 | 845          |  |
| 280M  | 90                    | 55           | 45           | 500  | 450          | 550 | 5   | 8 × 19 | 65m6<br>75m6 | 140        | 18<br>20 | 70<br>80 | 580 | 410 | 895          |  |
| 315S  | 110                   | 75           |              | 600  | 550          | 660 | 6   | 8 × 24 | 65m6<br>80m6 | 140<br>170 | 18<br>22 | 70<br>87 | 645 | 530 | 1020<br>1130 |  |
| 315M  | 132                   | 90           |              | 600  | 550          | 660 | 6   | 8 × 24 | 65m6<br>80m6 | 140<br>170 | 18<br>22 | 70<br>87 | 645 | 530 | 1050<br>1160 |  |



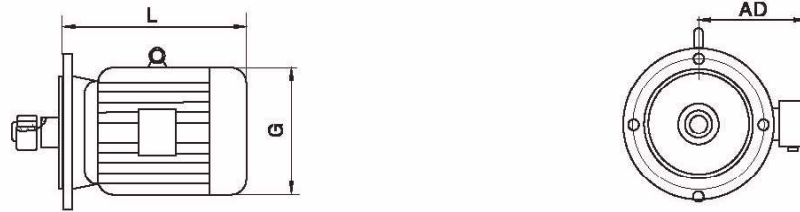
### Appearance and Dimension of Direct Input Electric Motor for Helical Gearbox



| Motor Baseframe Type | Motor power and poles |              |              | Models of Speed Reducers   | Size(mm) |     |     |
|----------------------|-----------------------|--------------|--------------|--|----------|-----|-----|
|                      | 4P                    | 6P           | 8P           |  | L        | G   | AD  |
| AGM71                | 0.25<br>0.37          | 0.18<br>0.25 |              | AR(51, 61) AR(17, 27, 37, 47, 57, 67)<br>AF(37, 47, 57, 67) AK(37, 47, 57, 67)<br>AS(37, 47, 57, 67)                     | 245      | 145 | 80  |
|                      |                       |              |              | AR..71, AR77, AF7, AK77, AS77  | 233      |     |     |
| AGM80                | 0.55<br>0.75          | 0.37<br>0.55 | 0.18<br>0.25 | AR(51, 61, 71) AR(17, 27, 37, 47, 57, 67, 77)<br>AF(37, 47, 57, 67, 77) AK(37, 47, 57, 67, 77)<br>AS(37, 47, 57, 67, 77) | 278      | 165 | 150 |
|                      |                       |              |              | AR(81, 91) AR(87, 97)<br>AF87 AK87<br>AS(87, 97)   | 246      |     |     |
|                      |                       |              |              |  |          |     |     |
| AGM90S               | 1.1                   | 0.75         | 0.37         | AR(51, 61, 71) AR(27, 37, 47, 57, 67, 77)<br>AF(37, 47, 57, 67, 77) AK(37, 47, 57, 67, 77)<br>AS(37, 47, 57, 67, 77)     | 304      | 175 | 155 |
|                      |                       |              |              | AR(81, 91) AR(87, 97)<br>AF(87, 97) AK(87, 97) AS(87, 97)  | 280      |     |     |
| AGM90L               | 1.5                   | 1.1          | 0.55         | AR(51, 61, 71) AR(27, 37, 47, 57, 67, 77)<br>AF(37, 47, 57, 67, 77) AK(37, 47, 57, 67, 77)<br>AS(37, 47, 57, 67, 77)     | 328      | 175 | 155 |
|                      |                       |              |              | AR(81, 91) AR(87, 97)<br>AF(87, 97) AK(87, 97) AS(87, 97)  | 304      |     |     |
| AGM100               | 2.2<br>3              | 1.5          | 0.75<br>1.1  | AR27, AR37, AF37, AF47, AK37, AS47, AS57   | 340      | 215 | 180 |
|                      |                       |              |              | AR(51, 61, 71, 81) AR(47, 57, 67, 77, 87)<br>AF(57, 67, 77, 87) AK(47, 57, 67, 77, 87)<br>AS(67, 77, 87)                 | 350      |     |     |
|                      |                       |              |              | AR91, AR97, AF97, AK97, AS97   | 315      |     |     |
|                      |                       |              |              | AR101, AR107, AF107, AK107   | 318      |     |     |
| AGM112               | 4                     | 2.2          | 1.5          | AR(51, 61, 71, 81) AR(47, 57, 67, 77, 87)<br>AF(57, 67, 77, 87) AK(57, 67, 77, 87)<br>AS(67, 77, 87)                     | 380      | 240 | 190 |
|                      |                       |              |              | AR(81, 101) AR(97, 107) AF(97, 107)<br>AK(97, 107) AS97  | 334      |     |     |
| AGM132S              | 5.5                   | 3            | 2.2          | AR(51, 61, 71, 81, 91) AR(47, 57, 67, 77, 87, 97)<br>AF(67, 77, 87, 97) AK(67, 77, 87, 97)<br>AS(67, 77, 87, 97)         | 425      | 275 | 210 |
|                      |                       |              |              | AR101, AR107, AF107, AK107   | 386      |     |     |
|                      |                       |              |              | AR137  | 388      |     |     |
| AGM132M              | 7.5                   | 4<br>5.5     | 3            | AR(51, 61, 71, 81, 91) AR(47, 57, 67, 77, 87, 97)<br>AF(67, 77, 87, 97, 107) AK(67, 77, 87, 97)<br>AS(67, 77, 87, 97)    | 461      | 275 | 210 |
|                      |                       |              |              | AR101, AR107, AF107, AK107   | 422      |     |     |
|                      |                       |              |              | AR137, AR147, AF127, AK127   | 424      |     |     |

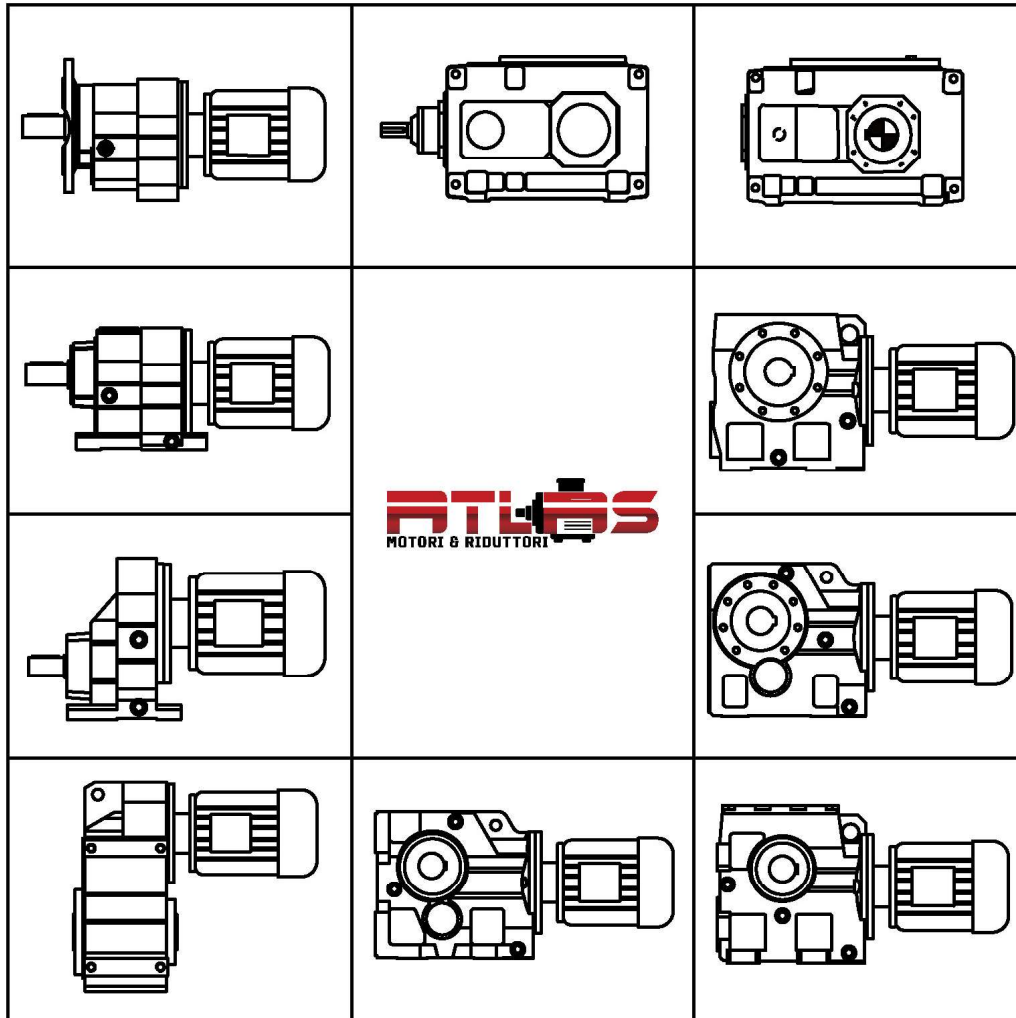


**Appearance and Dimension of Direct Input Electric Motor for Helical Gearbox**



| Motor Baseframe Type | Motor power and poles |            |          | Models of Gearbox  | Size (mm) |     |     |
|----------------------|-----------------------|------------|----------|--|-----------|-----|-----|
|                      | 4P                    | 6P         | 8P       |  | L         | G   | AD  |
| AGM160M              | 11                    | 7.5        | 4<br>5.5 | AR(71, 81, 91)      AR(77, 87, 97)<br>AF(77, 87, 97)      AK(77, 87, 97)<br>AS(77, 87, 97) | 524       | 330 | 255 |
|                      |                       |            |          | AR101, AR107, AF107, AK107   | 504       |     |     |
|                      |                       |            |          | AR137  | 476       |     |     |
|                      |                       |            |          | AR(147, 167)    AF(127, 157)      AK 127, 157, 167, 187)                                   | 567       |     |     |
| AGM160L              | 15                    | 11         | 7.5      | AR(81, 91)      AR(87, 97)<br>AF(87, 97, 107)      AK(87, 97)<br>AS(87, 97)                | 547       | 330 | 255 |
|                      |                       |            |          | AR101, AR(107, 137), AF107, AK107  | 519       |     |     |
|                      |                       |            |          | AR(147, 167)      AK(127, 157, 167, 187)<br>AF(127, 157)                                   | 602       |     |     |
|                      |                       |            |          | AR81, AR87, AF87, AK87, AS87   | 583       |     |     |
| AGM180M              | 18.5                  |            |          | AR(91, 101)      AR(97, 107, 137)<br>AF(97, 107)      AK(97, 107)<br>AS97                  | 555       | 380 | 280 |
|                      |                       |            |          | AR147, AK127, AF127  | 583       |     |     |
|                      |                       |            |          | AR167, AK(157, 167, 187), AF157  | 635       |     |     |
|                      |                       |            |          | AR81, AR87, AF87, AK87, AS87   | 616       |     |     |
| AGM180L              | 22                    | 15         | 11       | AR(91, 101)      AR(97, 107, 137)<br>AF(97, 107)      AK(97, 107)<br>AS97                  | 588       | 380 | 280 |
|                      |                       |            |          | AR147, AK127, AF127  | 616       |     |     |
|                      |                       |            |          | AR167, AK(157, 167, 187), AF157  | 666       |     |     |
|                      |                       |            |          | AR(91, 101)      AR(97, 107)<br>AF(97, 107)      AK(97, 107)                               | 654       |     |     |
| AGM200L              | 30                    | 18.5<br>22 | 15       | AR137, AR147, AK127, AF127   | 654       | 420 | 305 |
|                      |                       |            |          | AR167, AK(157, 167, 187), AF157  | 642       |     |     |
|                      |                       |            |          | AR101, AR107, AR137, AF107, AK107  | 680       |     |     |
| AGM225S              | 37                    |            | 18.5     | AR147, AK127, AF127  | 674       | 450 | 345 |
|                      |                       |            |          | AR167, AK(157, 167, 187), AF157  | 669       |     |     |
|                      |                       |            |          | AR101, AR107, AR137, AF107, AK107  | 702       |     |     |
| AGM225M              | 45                    | 30         | 22       | AR147, AK127, AF127  | 696       | 450 | 345 |
|                      |                       |            |          | AR167, AK(157, 167, 187), AF157  | 691       |     |     |
|                      |                       |            |          | AR137, AR147, AK127, AF127   | 775       |     |     |
| AGM250M              | 55                    | 37         | 30       | AR167, AK(157, 167, 187), AF157  | 770       | 510 | 370 |
| AGM280S              | 75                    | 45         | 37       | AR(147, 167), AK(127, 157, 167, 187), AF(127, 157)   | 828       | 580 | 410 |
| AGM280M              | 90                    | 55         | 45       | AR(147, 167), AK(127, 157, 167, 187), AF(127, 157)   | 879       | 580 | 410 |
| AGM315S              | 110                   | 75         | 55       | AR167, AK(157, 167, 187), AF157  | 1100      | 645 | 530 |
| AGM315M              | 132                   | 90         | 75       | AR167, AK(157, 167, 187), AF157  | 1180      | 645 | 530 |
| AGM315L1             | 160                   | 110        | 90       | AR167, AK(157, 167, 187), AF157  | 1270      | 645 | 530 |
| AGM315L2             | 200                   | 132        | 110      | AR167, AK(157, 167, 187), AF157  | 1270      | 645 | 530 |

# Our Product



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