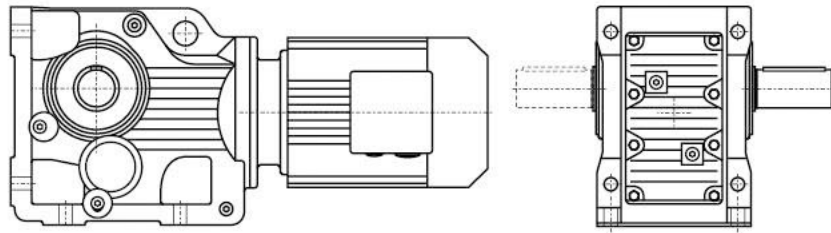
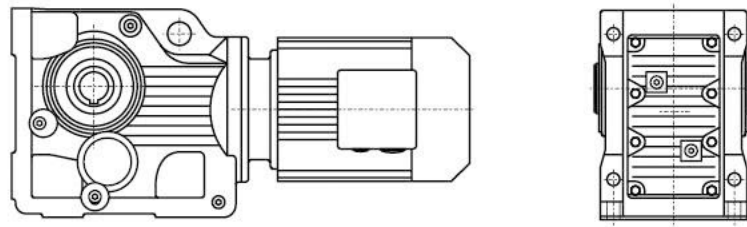




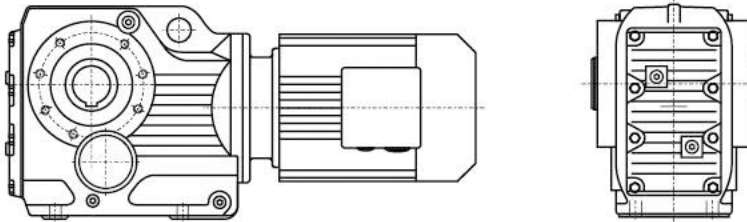
K系列减速机有以下设计方案：
K series gear units are available in the following designs:



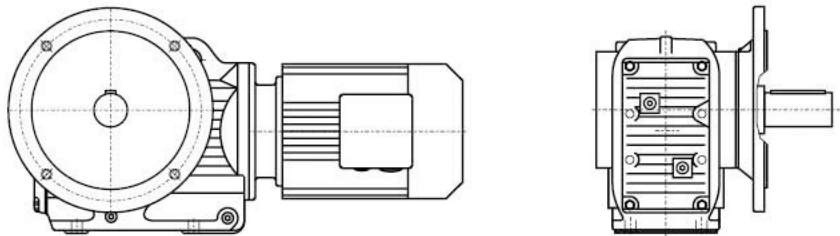
K..Y..
底脚轴伸式安装螺旋锥齿轮减速机
Foot-mounted helical-bevel gear units with solid shaft



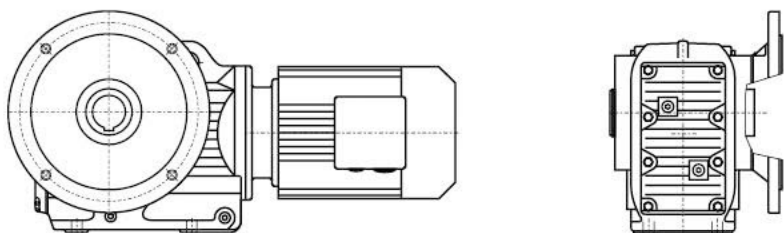
KAB...Y..
底脚空心轴安装螺旋锥齿轮减速机
Foot-mounted helical-bevel gear units with hollow shaft



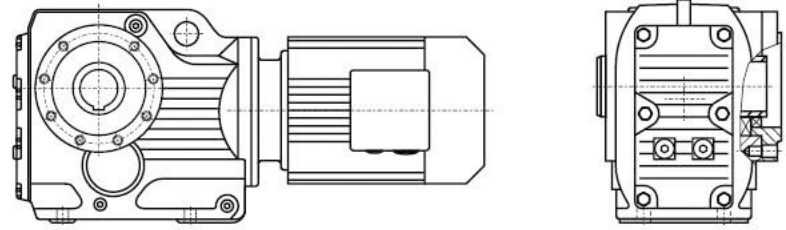
KA...Y..
空心轴安装螺旋锥齿轮减速机
Helical-bevel gear units with hollow shaft



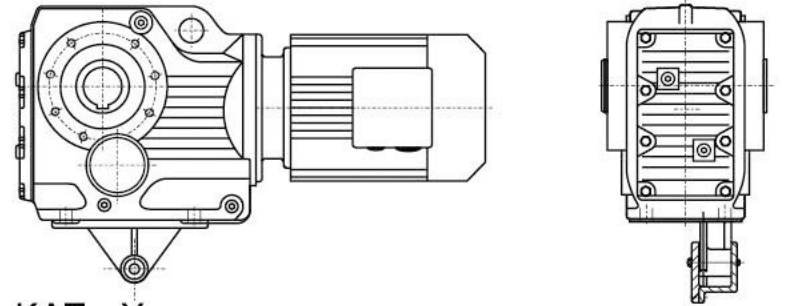
KF...Y..
法兰轴伸式安装螺旋锥齿轮减速机
Flange-mounted helical-bevel gear units with solid shaft



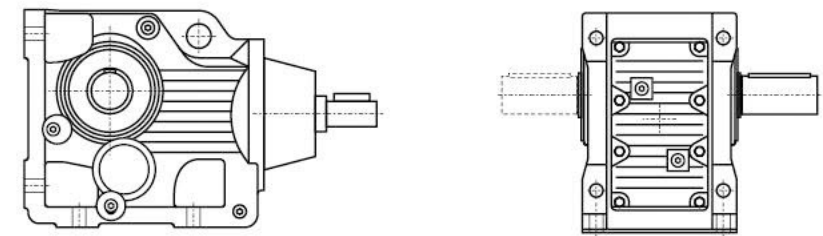
KAF...Y..
法兰空心轴安装螺旋锥齿轮减速机
Flange-mounted helical-bevel gear units with hollow shaft



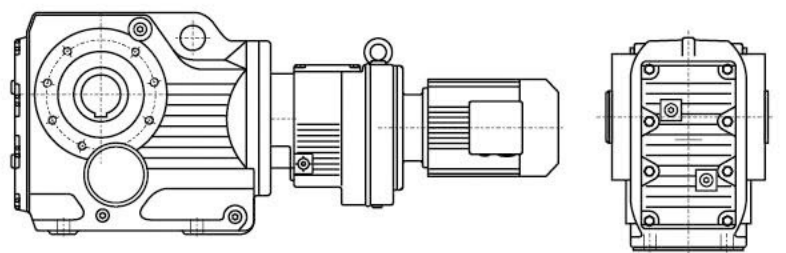
KAZ...Y..
小法兰空心轴安装螺旋锥齿轮减速机
Short-flange-mounted helical-bevel gear units with hollow shaft



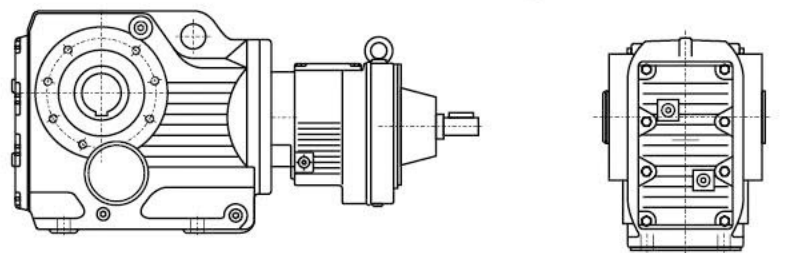
KAT...Y..
带防转臂空心轴安装螺旋锥齿轮减速机
Torque-arm-mounted helical-bevel gear units with hollow shaft



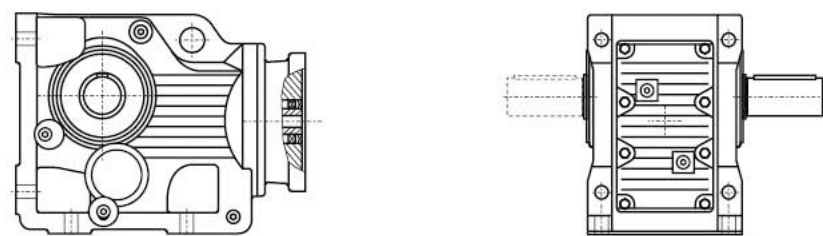
K (KF, KA, KAF, KAB, KAZ) S...
轴输入的螺旋锥齿轮减速机
Shaft input helical-bevel gear units



KA (K, KF, KAF, KAB, KAZ) ...R...Y...
组合式螺旋锥齿轮减速机
Combinatorial helical-bevel gear units



KA (K, KF, KAF, KAB, KAZ) S...R...
轴输入的组合式螺旋锥齿轮减速机
Shaft input combinatorial helical-bevel gear units



KA (K, KF, KAF, KAB, KAZ) ...Y...
电机用户自配或配特殊电机时需加联接法兰
When equipping the user's motor or the special one, the flange is required to be connected



型号与标记:
Type Designations:

| K F 37-Y 0.55-4P-24.99-M1-180°-A-CW | K F 37-Y 0.55-4P-24.99-M1-180°-A-CW |
|--|--|
| 减速机类型 结构形式 机座号 电机代号 电机功率、极数 传动比 安装形式 电机接线盒位置 输出轴、锁紧盘或法兰方向 输出轴旋转方向 | Gear units type Structure Size Motor code Motor power, pole Ratio Mounting position Position of the motor thermal box Position of output shaft, shrink disk or flange Rotate direction of output shaft |
| 减速机类型: 斜齿-螺旋锥齿轮减速机 | Gear units type: Helical-bevel gear units |
| 结构形式: 普通轴伸式 (省略) 轴装式 A 轴伸法兰式 F 轴装法兰式 AF 轴装小法兰式 AZ 轴装底脚式 AB 轴装带防转臂 AT 普通轴伸式, 轴输入 S 普通轴装式, 轴输入 AS 轴伸法兰式, 轴输入 FS 轴装法兰式, 轴输入 AFS *带锁紧盘式 H..(H,HF,HZ,HT) | Structure: Foot-mounted solid shaft output (-) Hollow shaft output A Flange-mounted solid shaft output F Flange-mounted hollow shaft output AF Short-flange-mounted hollow shaft output AZ Foot-mounted hollow shaft output AB Torque-arm-mounted hollow shaft output AT Foot-mounted solid shaft output, shaft input S Hollow shaft output, shaft input AS Flange-mounted solid shaft output, shaft input FS Flange-mounted hollow shaft output, shaft input AFS *Hollow shaft output with shrink disk H..(H,HF,HZ,HT) |
| 规格: (见选型参数表) | Size: (see selection table) |
| 电机代号: 普通 (更新) Y(Y2) 防爆 B 直流 Z 制动 YEJ 多速 D 变频 YVP 电磁调速 YCT 冶金起重 R 变频制动 YVPJ 辊道 G | Motor code: Ordinary(renew) Y(Y2) Flame-proof B Direct current Z Brake YEJ Multi-speed D Variable frequency YVP Electromagnetism speed modulation YCT Hoisting in metallurgy R Variable frequency and brake YVPJ Roller tables G |
| 电机功率、极数: (见选型参数表) | Motor power, pole : (see selection table) |
| 传动比: (见选型参数表) | Ratio: (see selection table) |
| 安装形式: M1、M2、M3、M4、M5、M6 (见第94页) | Mounting position: M1、M2、M3、M4、M5、M6(see page 94) |
| 电机接线盒位置: 0°、90°、180°、270° (见第94页) | Position of the motor thermal box: 0°、90°、180°、270° (see page 94) |
| 输出轴、锁紧盘或法兰方向: 从电机尾部看左边为 A 从电机尾部看右边为 B (见安装形式) 从电机尾部看左右边为 A+B | Position of output shaft or flange: viewing on motor end:left side -A, right side-B,both sides-A+B(see mounting position) |
| 输出轴旋转方向(面对输出轴方向看): 顺时针方向 CW 逆时针方向 CCW | Rotate direction of output shaft (viewing on output shaft): Clockwise CW Counter clockwise CCW |

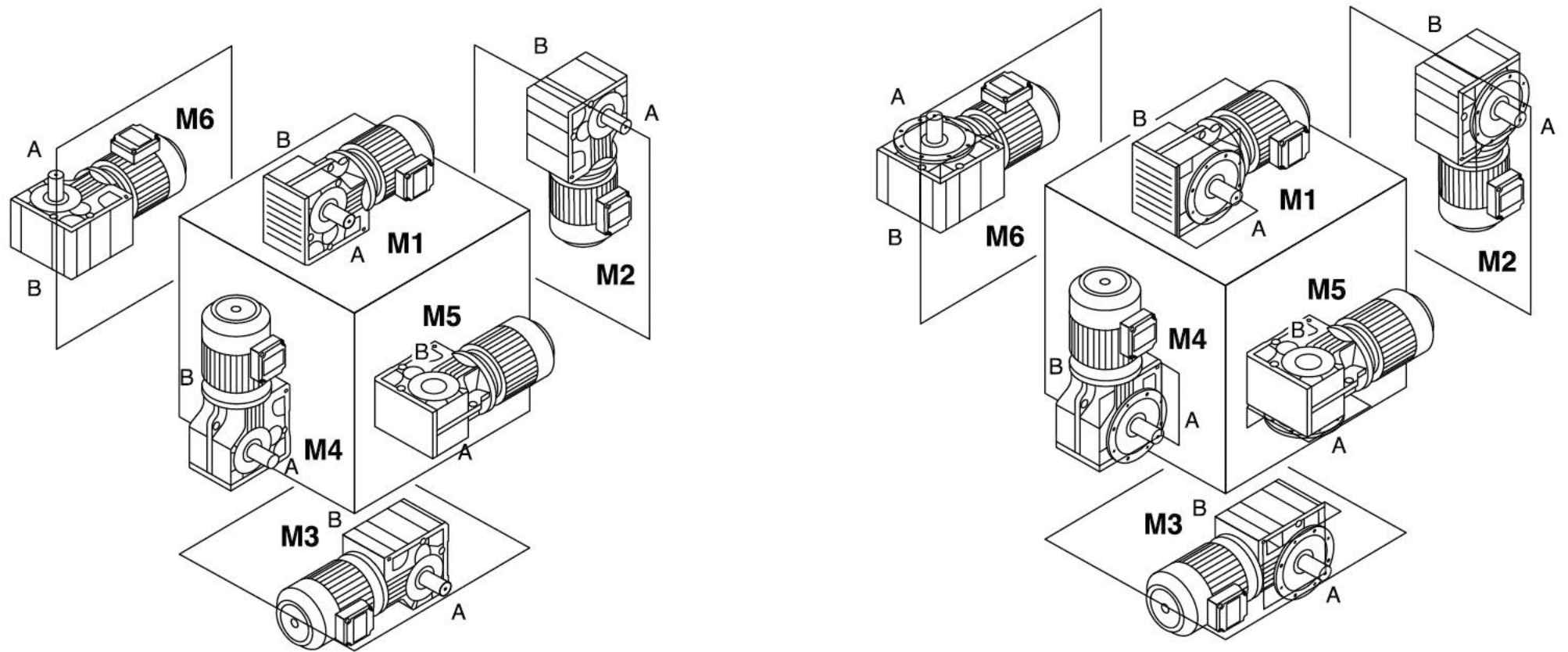
*带锁紧盘式, 详见454-455页。

*Hollow shaft output with shrink disk, see P454-455 for detail.

K

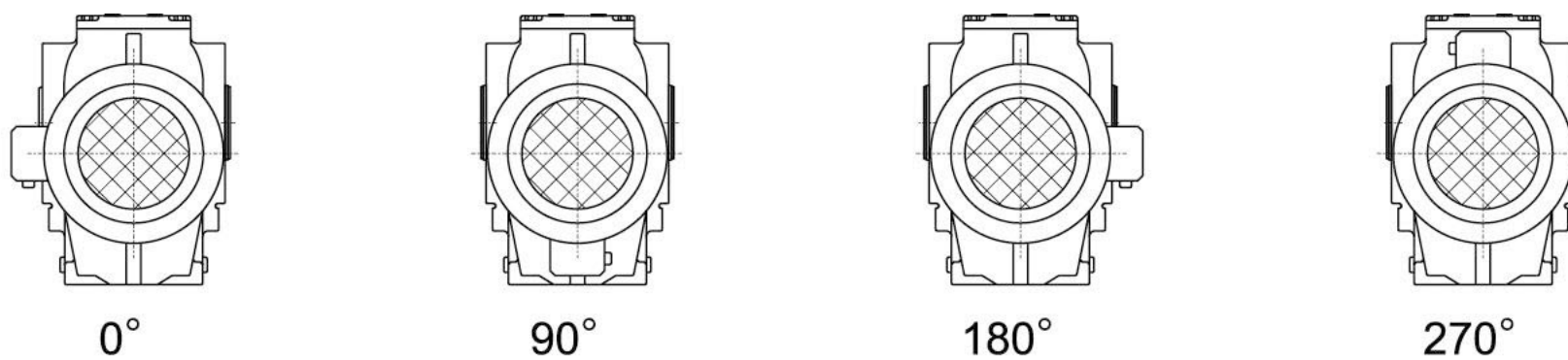


安装形式
Mounting position



K

电机接线盒位置
Position of the motor thermal box



输入功率及许用转矩
Input power rating and permissible torque

| 规格 Size | 37 | 47 | 57 | 67 | 77 | 87 | 97 | 107 | 127 | 157 | 167 | 187 |
|---------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| 结构形式 Structure | K KA KF KAF KAZ KAT KAB | | | | | | | | | | | |
| 输入功率 Input power rating(kW) | 0.18~3.0 | 0.18~3.0 | 0.18~5.5 | 0.18~5.5 | 0.37~11 | 0.75~22 | 1.1~30 | 3~45 | 7.5~90 | 11~160 | 11~200 | 18.5~200 |
| 传动比 Ratio | 5.36~106.38 | 5.81~131.87 | 6.57~145.14 | 7.14~144.79 | 7.24~192.18 | 7.19~197.37 | 8.95~176.05 | 8.74~141.46 | 8.68~146.07 | 12.65~150.41 | 17.28~163.91 | 17.27~180.78 |
| 许用转矩(N.m) Permissible torque | 200 | 400 | 600 | 820 | 1550 | 2700 | 4300 | 8000 | 13000 | 18000 | 32000 | 50000 |

减速机重量
Gear unit weight

| 规格 Size | 37 | 47 | 57 | 67 | 77 | 87 | 97 | 107 | 127 | 157 | 167 | 187 |
|------------------|----|----|----|----|----|----|-----|-----|-----|-----|------|------|
| 重量(kg) Weight | 11 | 20 | 27 | 33 | 57 | 85 | 130 | 250 | 380 | 610 | 1015 | 1700 |

所注重量为平均值, 仅供参考
The weights are mean values, only for reference.



润滑油量表
Lubrication table

K...,KAB...:

| 规格 Size | 润滑油量 (升) | | | Fill quantity in liters | | |
|------------|----------|------|------|-------------------------|------|------|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| K..37 | 0.5 | 1 | 1 | 1.3 | 1 | 1 |
| K..47 | 0.8 | 1.3 | 1.5 | 2 | 1.6 | 1.6 |
| K..57 | 1.2 | 2.3 | 2.5 | 3 | 2.6 | 2.4 |
| K..67 | 1.1 | 2.4 | 2.6 | 3.4 | 2.6 | 2.6 |
| K..77 | 2.2 | 4.1 | 4.4 | 5.9 | 4.2 | 4.4 |
| K..87 | 3.7 | 8 | 8.7 | 10.9 | 7.8 | 8 |
| K..97 | 7 | 14 | 15.7 | 20 | 15.7 | 15.5 |
| K..107 | 10 | 21 | 25.5 | 33.5 | 24 | 24 |
| K..127 | 21 | 41.5 | 44 | 54 | 40 | 41 |
| K..157 | 31 | 62 | 65 | 90 | 58 | 62 |
| K..167 | 35 | 100 | 100 | 125 | 85 | 85 |
| K..187 | 60 | 170 | 170 | 205 | 130 | 130 |

KF...:

| 规格 Size | 润滑油量 (升) | | | Fill quantity in liters | | |
|------------|----------|------|------|-------------------------|------|------|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| KF37 | 0.5 | 1.1 | 1.1 | 1.5 | 1 | 1 |
| KF47 | 0.8 | 1.3 | 1.7 | 2.2 | 1.6 | 1.6 |
| KF57 | 1.3 | 2.3 | 2.7 | 3 | 2.9 | 2.7 |
| KF67 | 1.1 | 2.4 | 2.8 | 3.6 | 2.7 | 2.7 |
| KF77 | 2.1 | 4.1 | 4.4 | 6 | 4.5 | 4.5 |
| KF87 | 3.7 | 8.2 | 9 | 11.9 | 8.4 | 8.4 |
| KF97 | 7 | 14.7 | 17.3 | 21.5 | 15.7 | 16.5 |
| KF107 | 10 | 22 | 26 | 35 | 25 | 25 |
| KF127 | 21 | 41.5 | 46 | 55 | 41 | 41 |
| KF157 | 31 | 66 | 69 | 92 | 62 | 62 |

K

KA..., KAF..., KAZ...:

| 规格 Size | 润滑油量 (升) | | | Fill quantity in liters | | |
|------------|----------|------|------|-------------------------|------|------|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| K..37 | 0.5 | 1 | 1 | 1.4 | 1 | 1 |
| K..47 | 0.8 | 1.3 | 1.6 | 2.1 | 1.6 | 1.6 |
| K..57 | 1.3 | 2.3 | 2.7 | 3 | 2.9 | 2.7 |
| K..67 | 1.1 | 2.4 | 2.7 | 3.6 | 2.6 | 2.6 |
| K..77 | 2.1 | 4.1 | 4.6 | 6 | 4.4 | 4.4 |
| K..87 | 3.7 | 8.2 | 8.8 | 11.1 | 8 | 8 |
| K..97 | 7 | 14.7 | 15.7 | 20 | 15.7 | 15.7 |
| K..107 | 10 | 20.5 | 24 | 32 | 24 | 24 |
| K..127 | 21 | 41.5 | 43 | 52 | 40 | 40 |
| K..157 | 31 | 66 | 67 | 87 | 62 | 62 |
| KA..167 | 35 | 100 | 100 | 125 | 85 | 85 |
| KA..187 | 60 | 170 | 170 | 205 | 130 | 130 |



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.18kW | | | | | | 0.18kW | | | | | |
| 0.09 | 16482 | 14975 | 0.74 | | | 1.5 | 994 | 903 | 0.78 | | |
| 0.11 | 13692 | 12440 | 0.89 | | | 1.8 | 873 | 793 | 0.88 | | |
| 0.13 | 12013 | 10914 | 1.0 | | | 2.0 | 767 | 697 | 1.0 | | |
| 0.14 | 10807 | 9819 | 1.1 | | | 2.3 | 675 | 613 | 1.1 | K 67R37 | 4 |
| 0.16 | 9293 | 8443 | 1.3 | K 127R77 | 4 | 2.6 | 597 | 542 | 1.3 | KF 67R37 | 4 |
| 0.19 | 8236 | 7483 | 1.5 | KF 127R77 | 4 | 3.0 | 518 | 471 | 1.5 | KA 67R37 | 4 |
| 0.21 | 7226 | 6565 | 1.7 | KA 127R77 | 4 | 3.3 | 462 | 420 | 1.7 | KAF67R37 | 4 |
| 0.24 | 6388 | 5804 | 1.9 | KAF127R77 | 4 | 3.9 | 397 | 361 | 1.9 | | |
| 0.28 | 5533 | 5027 | 2.2 | | | 4.3 | 356 | 323 | 2.2 | | |
| 0.31 | 4868 | 4423 | 2.5 | | | 5.1 | 299 | 272 | 2.6 | | |
| 0.37 | 4184 | 3801 | 2.9 | | | | | | | | |
| 0.43 | 3563 | 3237 | 3.4 | | | | | | | | |
| 0.17 | 9037 | 8211 | 0.8 | | | 2.3 | 677 | 615 | 0.8 | | |
| 0.19 | 7888 | 7167 | 1.0 | | | 2.6 | 599 | 544 | 0.9 | | |
| 0.23 | 6711 | 6097 | 1.1 | | | 2.9 | 521 | 473 | 1.1 | | |
| 0.25 | 6144 | 5582 | 1.2 | | | 3.3 | 463 | 421 | 1.2 | | |
| 0.27 | 5575 | 5065 | 1.3 | K 107R77 | 4 | 3.8 | 398 | 362 | 1.4 | K 57R37 | 4 |
| 0.32 | 4732 | 4299 | 1.6 | KF 107R77 | 4 | 4.4 | 351 | 319 | 1.6 | KF 57R37 | 4 |
| 0.37 | 4135 | 3757 | 1.8 | KA 107R77 | 4 | 5.1 | 300 | 273 | 1.9 | KA 57R37 | 4 |
| 0.43 | 3562 | 3236 | 2.1 | KAF107R77 | 4 | 5.8 | 264 | 240 | 2.1 | KAF57R37 | 4 |
| 0.48 | 3158 | 2869 | 2.4 | | | 6.5 | 237 | 215 | 2.4 | | |
| 0.56 | 2756 | 2504 | 2.7 | | | 7.2 | 211 | 192 | 2.7 | | |
| 0.63 | 2425 | 2203 | 3.1 | | | 8.4 | 183 | 166 | 3.1 | | |
| 0.30 | 5139 | 4669 | 0.79 | | | 3.7 | 413 | 375 | 0.9 | | |
| 0.34 | 4493 | 4082 | 0.90 | | | 4.3 | 359 | 326 | 1.0 | | |
| 0.39 | 3944 | 3583 | 1.0 | | | 4.8 | 318 | 289 | 1.2 | K 47R37 | 4 |
| 0.45 | 3421 | 3108 | 1.2 | | | 5.6 | 275 | 250 | 1.4 | KF 47R37 | 4 |
| 0.50 | 3035 | 2757 | 1.3 | | | 6.2 | 248 | 225 | 1.5 | KA 47R37 | 4 |
| 0.57 | 2662 | 2419 | 1.5 | | | 7.0 | 218 | 198 | 1.7 | KAF47R37 | 4 |
| 0.65 | 2337 | 2123 | 1.7 | K 97R57 | 4 | 8.3 | 184 | 167 | 2.0 | | |
| 0.75 | 2043 | 1856 | 2.0 | KF 97R57 | 4 | 9.3 | 164 | 149 | 2.3 | | |
| 0.86 | 1789 | 1625 | 2.3 | KA 97R57 | 4 | 11 | 141 | 128 | 2.7 | | |
| 0.97 | 1574 | 1430 | 2.6 | KAF97R57 | 4 | | | | | | |
| 1.1 | 1388 | 1261 | 2.9 | | | 6.8 | 226 | 205 | 0.83 | K 37R17 | 4 |
| 1.3 | 1213 | 1102 | 3.3 | | | 7.7 | 199 | 181 | 0.94 | KF 37R17 | 4 |
| 1.5 | 1053 | 957 | 3.8 | | | 8.7 | 176 | 160 | 1.07 | KA 37R17 | 4 |
| 1.6 | 941 | 855 | 4.3 | | | 10 | 150 | 136 | 1.26 | KAF37R17 | 4 |
| 1.9 | 818 | 743 | 4.9 | | | 11 | 140 | 127 | 1.34 | | |
| 2.1 | 717 | 651 | 5.6 | | | | | | | | |
| 0.45 | 3420 | 3107 | 0.74 | | | 5.9 | 275 | 144.79 | 2.8 | K 67 | 6 |
| 0.51 | 3003 | 2728 | 0.85 | | | 6.9 | 235 | 123.54 | 3.3 | KF 67 | 6 |
| 0.59 | 2610 | 2371 | 0.97 | | | 7.9 | 205 | 108.03 | 3.8 | KA 67 | 6 |
| 0.67 | 2298 | 2088 | 1.1 | | | 8.3 | 195 | 102.62 | 4.0 | KAF67 | 6 |
| 0.75 | 2041 | 1854 | 1.2 | K 87R57 | 4 | | | | | | |
| 0.84 | 1825 | 1658 | 1.4 | KF 87R57 | 4 | 9.6 | 168 | 144.79 | 4.6 | K 67 | 4 |
| 1.0 | 1557 | 1415 | 1.6 | KA 87R57 | 4 | 11 | 144 | 123.54 | 5.4 | KF 67 | 4 |
| 1.1 | 1353 | 1229 | 1.9 | KAF87R57 | 4 | 13 | 126 | 108.03 | 6.1 | KA 67 | 4 |
| 1.3 | 1187 | 1078 | 2.1 | | | | | | | | |
| 1.5 | 1047 | 951 | 2.4 | | | 5.9 | 276 | 145.14 | 2.0 | K 57 | 6 |
| 1.7 | 921 | 837 | 2.8 | | | 6.9 | 235 | 123.85 | 2.4 | KF 57 | 6 |
| 1.9 | 799 | 726 | 3.2 | | | 7.8 | 206 | 108.29 | 2.7 | KA 57 | 6 |
| | | | | | | 8.3 | 196 | 102.88 | 2.9 | KAF57 | 6 |
| | | | | | | 9.4 | 172 | 90.26 | 3.3 | | |
| 0.9 | 1666 | 1514 | 0.9 | | | | | | | | |
| 1.0 | 1528 | 1388 | 1.0 | | | 9.6 | 169 | 145.14 | 3.3 | | |
| 1.1 | 1341 | 1218 | 1.1 | | | 11 | 144 | 123.85 | 3.9 | K 57 | 4 |
| 1.3 | 1159 | 1053 | 1.3 | | | 13 | 126 | 108.29 | 4.5 | KF 57 | 4 |
| 1.5 | 1017 | 924 | 1.4 | K 77R37 | 4 | 14 | 120 | 102.88 | 4.7 | KA 57 | 4 |
| 1.7 | 897 | 815 | 1.6 | KF 77R37 | 4 | 15 | 105 | 90.26 | 5.4 | KAF57 | 4 |
| 2.0 | 780 | 709 | 1.9 | KA 77R37 | 4 | 18 | 89 | 76.56 | 6.3 | | |
| 2.2 | 685 | 622 | 2.1 | KAF77R37 | 4 | | | | | | |
| 2.5 | 608 | 552 | 2.4 | | | 6.4 | 251 | 131.87 | 1.50 | K 47 | 6 |
| 2.9 | 534 | 485 | 2.7 | | | 7.0 | 231 | 121.48 | 1.63 | KF 47 | 6 |
| 3.2 | 471 | 428 | 3.1 | | | 8.1 | 198 | 104.37 | 1.90 | KA 47 | 6 |
| 3.8 | 404 | 367 | 3.6 | | | 9.4 | 173 | 90.86 | 2.2 | KAF47 | 6 |
| | | | | | | 10 | 162 | 85.12 | 2.3 | | |

K



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.18kW | | | | | | 0.25kW | | | | | |
| 11 | 153 | 131.87 | 2.5 | K 47 | 4 | 0.86 | 2484 | 1625 | 1.6 | | |
| 12 | 141 | 121.48 | 2.7 | KF 47 | 4 | 1.0 | 2186 | 1430 | 1.8 | K 97R57 | 4 |
| 13 | 121 | 104.37 | 3.1 | KA 47 | 4 | 1.1 | 1928 | 1261 | 2.1 | KF 97R57 | 4 |
| 15 | 106 | 90.86 | 3.6 | KAF47 | 4 | 1.3 | 1685 | 1102 | 2.4 | KA 97R57 | 4 |
| 16 | 99 | 85.12 | 3.8 | | | 1.5 | 1463 | 957 | 2.8 | KAF97R57 | 4 |
| 8.0 | 202 | 106.38 | 0.93 | K 37 | 6 | 1.6 | 1307 | 855 | 3.1 | | |
| 8.7 | 186 | 97.81 | 1.01 | KF 37 | 6 | 0.7 | 3192 | 2088 | 0.80 | | |
| 10 | 159 | 83.69 | 1.18 | KA 37 | 6 | 0.7 | 2834 | 1854 | 0.90 | | |
| 12 | 138 | 72.54 | 1.36 | KAF37 | 6 | 0.8 | 2535 | 1658 | 1.0 | | |
| 13 | 124 | 106.38 | 1.52 | | | 1.0 | 2163 | 1415 | 1.2 | K 87R57 | 4 |
| 14 | 114 | 97.81 | 1.65 | | | 1.1 | 1879 | 1229 | 1.4 | KF 87R57 | 4 |
| 17 | 97 | 83.69 | 1.93 | | | 1.3 | 1648 | 1078 | 1.5 | KA 87R57 | 4 |
| 19 | 84 | 72.54 | 2.2 | | | 1.5 | 1454 | 951 | 1.7 | KAF87R57 | 4 |
| 21 | 79 | 67.80 | 2.4 | | | 1.7 | 1280 | 837 | 2.0 | | |
| 24 | 68 | 58.60 | 2.8 | | | 1.9 | 1110 | 726 | 2.3 | | |
| 28 | 58 | 49.79 | 3.2 | | | 2.2 | 975 | 638 | 2.6 | | |
| 31 | 52 | 44.46 | 3.6 | | | 1.3 | 1610 | 1053 | 0.9 | | |
| 37 | 44 | 37.97 | 4.3 | | | 1.5 | 1413 | 924 | 1.0 | | |
| 39 | 41 | 35.57 | 4.5 | K 37 | 4 | 1.7 | 1246 | 815 | 1.2 | | |
| 46 | 35 | 29.96 | 5.4 | KF 37 | 4 | 2.0 | 1084 | 709 | 1.3 | | |
| 48 | 34 | 28.83 | 5.6 | KA 37 | 4 | 2.2 | 951 | 622 | 1.5 | | |
| 56 | 29 | 24.99 | 6.5 | KAF37 | 4 | 2.5 | 844 | 552 | 1.7 | K 77R37 | 4 |
| 60 | 27 | 23.36 | 6.7 | | | 2.9 | 741 | 485 | 2.0 | KF 77R37 | 4 |
| 69 | 23 | 20.19 | 7.4 | | | 3.2 | 654 | 428 | 2.2 | KA 77R37 | 4 |
| 81 | 20 | 17.15 | 8.5 | | | 3.9 | 547 | 358 | 2.7 | KAF77R37 | 4 |
| 91 | 18 | 15.31 | 9.2 | | | 4.3 | 489 | 320 | 3.0 | | |
| 106 | 15 | 13.08 | 10 | | | 4.9 | 433 | 283 | 3.4 | | |
| 114 | 14 | 12.14 | 11 | | | 5.7 | 376 | 246 | 3.9 | | |
| 133 | 12 | 10.49 | 12 | | | 6.4 | 330 | 216 | 4.4 | | |
| 156 | 10 | 8.91 | 15 | | | 7.3 | 292 | 191 | 5.0 | | |
| 175 | 9 | 7.96 | 16 | | | 8.2 | 260 | 170 | 5.6 | | |
| 0.25kW | | | | | | 0.25kW | | | | | |
| 0.14 | 15010 | 9819 | 0.81 | | | 2.3 | 937 | 613 | 0.8 | | |
| 0.16 | 12907 | 8443 | 0.95 | | | 2.6 | 829 | 542 | 0.9 | | |
| 0.19 | 11438 | 7482 | 1.07 | K 127R77 | 4 | 3.0 | 720 | 471 | 1.1 | K 67R37 | 4 |
| 0.21 | 10036 | 6565 | 1.2 | KF 127R77 | 4 | 3.3 | 642 | 420 | 1.2 | KF 67R37 | 4 |
| 0.24 | 8872 | 5804 | 1.4 | KA 127R77 | 4 | 3.9 | 552 | 361 | 1.4 | KA 67R37 | 4 |
| 0.28 | 7685 | 5027 | 1.6 | KAF127R77 | 4 | 4.3 | 494 | 323 | 1.6 | KAF67R37 | 4 |
| 0.31 | 6761 | 4423 | 1.8 | | | 5.1 | 416 | 272 | 1.9 | | |
| 0.37 | 5811 | 3801 | 2.1 | | | 5.8 | 367 | 240 | 2.1 | | |
| 0.43 | 4948 | 3237 | 2.5 | | | 6.4 | 332 | 217 | 2.3 | | |
| 0.23 | 9320 | 6097 | 0.81 | | | 3.3 | 644 | 421 | 0.9 | | |
| 0.25 | 8533 | 5582 | 0.88 | | | 3.8 | 553 | 362 | 1.0 | | |
| 0.27 | 7743 | 5065 | 1.0 | | | 4.4 | 488 | 319 | 1.2 | | |
| 0.32 | 6572 | 4299 | 1.1 | | | 5.1 | 417 | 273 | 1.4 | | |
| 0.37 | 5743 | 3757 | 1.3 | | | 5.8 | 367 | 240 | 1.5 | K 57R37 | 4 |
| 0.43 | 4947 | 3236 | 1.5 | K 107R77 | 4 | 6.5 | 329 | 215 | 1.7 | KF 57R37 | 4 |
| 0.48 | 4386 | 2869 | 1.7 | KF 107R77 | 4 | 7.2 | 294 | 192 | 1.9 | KA 57R37 | 4 |
| 0.56 | 3828 | 2504 | 2.0 | KA 107R77 | 4 | 8.4 | 254 | 166 | 2.2 | KAF57R37 | 4 |
| 0.63 | 3368 | 2203 | 2.2 | KAF107R77 | 4 | 9.9 | 216 | 141 | 2.6 | | |
| 0.74 | 2857 | 1869 | 2.6 | | | 11 | 193 | 126 | 2.9 | | |
| 0.82 | 2582 | 1689 | 2.9 | | | 13 | 165 | 108 | 3.4 | | |
| 0.91 | 2343 | 1533 | 3.2 | | | 15 | 145 | 95 | 3.9 | | |
| 1.06 | 2013 | 1317 | 3.7 | | | 4.2 | 536 | 154.02 | 2.7 | K 77 | 8 |
| 0.45 | 4751 | 3108 | 0.9 | K 97R57 | 4 | 4.8 | 471 | 135.28 | 3.1 | KF 77 | 8 |
| 0.50 | 4215 | 2757 | 1.0 | KF 97R57 | 4 | 5.0 | 447 | 128.52 | 3.3 | KA 77 | 8 |
| 0.57 | 3698 | 2419 | 1.1 | KA 97R57 | 4 | 5.7 | 395 | 113.56 | 3.7 | KAF77 | 8 |
| 0.65 | 3245 | 2123 | 1.2 | KAF97R57 | 4 | 4.4 | 507 | 192.18 | 2.9 | K 77 | 6 |
| 0.75 | 2837 | 1856 | 1.4 | | | 4.7 | 474 | 179.37 | 3.1 | KF 77 | 6 |
| | | | | | | 5.5 | 407 | 154.02 | 3.6 | KA 77 | 6 |
| | | | | | | 6.3 | 357 | 135.28 | 4.1 | KAF77 | 6 |



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.25kW | | | | | | 0.37kW | | | | | |
| 5.2 | 430 | 123.54 | 1.8 | K 67 | 8 | 0.19 | 16930 | 7483 | 0.72 | | |
| 6.0 | 376 | 108.03 | 2.1 | KF 67 | 8 | 0.21 | 14853 | 6565 | 0.82 | | |
| 6.3 | 357 | 102.62 | 2.2 | KA 67 | 8 | 0.24 | 13131 | 5804 | 0.93 | K 127R77 | 4 |
| 7.2 | 313 | 90.04 | 2.5 | KAF67 | 8 | 0.28 | 11373 | 5027 | 1.07 | KF 127R77 | 4 |
| | | | | | | 0.31 | 10007 | 4423 | 1.22 | KA 127R77 | 4 |
| 5.9 | 382 | 144.79 | 2.0 | K 67 | 6 | 0.37 | 8600 | 3801 | 1.42 | KAF127R77 | 4 |
| 6.9 | 326 | 123.54 | 2.4 | KF 67 | 6 | 0.43 | 7324 | 3237 | 1.67 | | |
| 7.9 | 285 | 108.03 | 2.7 | KA 67 | 6 | 0.72 | 4357 | 1926 | 2.80 | | |
| 8.3 | 271 | 102.62 | 2.8 | KAF67 | 6 | 0.79 | 3975 | 1757 | 3.07 | | |
| | | | | | | 0.90 | 3486 | 1541 | 3.51 | | |
| 9.6 | 234 | 144.79 | 3.3 | K 67 | 4 | 0.37 | 8500 | 3757 | 0.88 | | |
| 11 | 199 | 123.54 | 3.9 | KF 67 | 4 | 0.43 | 7321 | 3236 | 1.03 | | |
| 13 | 174 | 108.03 | 4.4 | KA 67 | 4 | 0.48 | 6491 | 2869 | 1.16 | | |
| 14 | 166 | 102.62 | 4.7 | KAF67 | 4 | 0.56 | 5665 | 2504 | 1.33 | K 107R77 | 4 |
| 5.9 | 383 | 145.14 | 1.5 | K 57 | 6 | 0.63 | 4984 | 2203 | 1.51 | KF 107R77 | 4 |
| 6.9 | 327 | 123.85 | 1.7 | KF 57 | 6 | 0.74 | 4229 | 1869 | 1.78 | KA 107R77 | 4 |
| 7.8 | 286 | 108.29 | 2.0 | KA 57 | 6 | 0.82 | 3821 | 1689 | 1.97 | KAF107R77 | 4 |
| 8.3 | 272 | 102.88 | 2.1 | KAF57 | 6 | 0.91 | 3468 | 1533 | 2.2 | | |
| 9.4 | 238 | 90.26 | 2.4 | | | 1.06 | 2980 | 1317 | 2.5 | | |
| 11 | 202 | 76.56 | 2.8 | | | 1.21 | 2602 | 1150 | 2.9 | | |
| 9.6 | 234 | 145.14 | 2.4 | | | 0.65 | 4803 | 2123 | 0.84 | | |
| 11 | 200 | 123.85 | 2.8 | K 57 | 4 | 0.75 | 4199 | 1856 | 0.96 | | |
| 13 | 175 | 108.29 | 3.2 | KF 57 | 4 | 0.86 | 3676 | 1625 | 1.10 | | |
| 14 | 166 | 102.88 | 3.4 | KA 57 | 4 | 0.97 | 3235 | 1430 | 1.25 | K 97R57 | 4 |
| 15 | 146 | 90.26 | 3.9 | KAF57 | 4 | 1.1 | 2853 | 1261 | 1.42 | KF 97R57 | 4 |
| 18 | 124 | 76.56 | 4.6 | | | 1.3 | 2493 | 1102 | 1.62 | KA 97R57 | 4 |
| | | | | | | 1.5 | 2165 | 957 | 1.87 | KAF97R57 | 4 |
| 6.4 | 348 | 131.87 | 1.08 | | | 1.6 | 1934 | 855 | 2.1 | | |
| 7.0 | 321 | 121.48 | 1.17 | K 47 | 6 | 1.9 | 1681 | 743 | 2.4 | | |
| 8.1 | 276 | 104.37 | 1.36 | KF 47 | 6 | 2.1 | 1473 | 651 | 2.7 | | |
| 9.4 | 240 | 90.86 | 1.57 | KA 47 | 6 | 2.4 | 1296 | 573 | 3.1 | | |
| 10 | 225 | 85.12 | 1.67 | KAF47 | 6 | | | | | | |
| 11 | 213 | 131.87 | 1.77 | | | 1.0 | 3201 | 1415 | 0.79 | | |
| 11 | 196 | 121.48 | 1.92 | K 47 | 4 | 1.1 | 2781 | 1229 | 0.91 | | |
| 13 | 169 | 104.37 | 2.2 | KF 47 | 4 | 1.3 | 2439 | 1078 | 1.04 | | |
| 15 | 147 | 90.86 | 2.6 | KA 47 | 4 | 1.5 | 2152 | 951 | 1.18 | K 87R57 | 4 |
| 16 | 137 | 85.12 | 2.7 | KAF47 | 4 | 1.7 | 1894 | 837 | 1.34 | KF 87R57 | 4 |
| | | | | | | 1.9 | 1643 | 726 | 1.55 | KA 87R57 | 4 |
| 10 | 221 | 83.69 | 0.9 | K 37 | 6 | 2.2 | 1443 | 638 | 1.76 | KAF87R57 | 4 |
| 12 | 192 | 72.54 | 1.0 | KF 37 | 6 | 2.5 | 1272 | 562 | 2.0 | | |
| 13 | 179 | 67.80 | 1.1 | KA 37 | 6 | 2.9 | 1072 | 474 | 2.4 | | |
| 15 | 155 | 58.60 | 1.2 | KAF37 | 6 | 3.3 | 964 | 426 | 2.6 | | |
| 17 | 131 | 49.79 | 1.4 | | | 3.7 | 844 | 373 | 3.0 | | |
| 13 | 172 | 106.38 | 1.1 | | | 1.7 | 1844 | 815 | 0.79 | | |
| 14 | 158 | 97.81 | 1.2 | | | 2.0 | 1604 | 709 | 0.91 | | |
| 17 | 135 | 83.69 | 1.4 | | | 2.2 | 1407 | 622 | 1.04 | | |
| 19 | 117 | 72.54 | 1.6 | | | 2.5 | 1249 | 552 | 1.17 | | |
| 21 | 109 | 67.80 | 1.7 | | | 2.9 | 1097 | 485 | 1.33 | K 77R37 | 4 |
| 24 | 95 | 58.60 | 2.0 | | | 3.2 | 968 | 428 | 1.50 | KF 77R37 | 4 |
| 28 | 80 | 49.79 | 2.3 | | | 3.9 | 810 | 358 | 1.80 | KA 77R37 | 4 |
| 31 | 72 | 44.46 | 2.6 | | | 4.3 | 724 | 320 | 2.0 | KAF77R37 | 4 |
| 37 | 61 | 37.97 | 3.1 | | | 4.9 | 640 | 283 | 2.3 | | |
| 39 | 57 | 35.57 | 3.3 | K 37 | 4 | 5.7 | 557 | 246 | 2.6 | | |
| 46 | 48 | 29.96 | 3.9 | KF 37 | 4 | 6.4 | 489 | 216 | 3.0 | | |
| 48 | 47 | 28.83 | 4.0 | KA 37 | 4 | 7.3 | 432 | 191 | 3.4 | | |
| 56 | 40 | 24.99 | 4.7 | KAF37 | 4 | 8.2 | 385 | 170 | 3.8 | | |
| 60 | 38 | 23.36 | 4.9 | | | 9.3 | 339 | 150 | 4.3 | | |
| 69 | 33 | 20.19 | 5.3 | | | 3.3 | 950 | 420 | 0.81 | | |
| 81 | 28 | 17.15 | 6.1 | | | 3.9 | 817 | 361 | 0.94 | | |
| 91 | 25 | 15.31 | 6.7 | | | 4.3 | 731 | 323 | 1.05 | | |
| 106 | 21 | 13.08 | 7.3 | | | 5.1 | 615 | 272 | 1.25 | K 67R37 | 4 |
| 114 | 20 | 12.14 | 7.7 | | | 5.8 | 543 | 240 | 1.42 | KF 67R37 | 4 |
| 133 | 17 | 10.49 | 8.9 | | | 6.4 | 491 | 217 | 1.57 | KA 67R37 | 4 |
| 156 | 14 | 8.91 | 10 | | | 7.3 | 432 | 191 | 1.78 | KAF67R37 | 4 |
| 175 | 13 | 7.96 | 11 | | | 8.4 | 376 | 166 | 2.05 | | |
| 204 | 11 | 6.80 | 13 | | | 9.7 | 326 | 144 | 2.37 | | |
| 218 | 10 | 6.37 | 13 | | | 12 | 269 | 119 | 2.86 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.37kW | | | | | | 0.37kW | | | | | |
| 5.1 | 618 | 273 | 0.91 | | | 8.5 | 392 | 104.37 | 0.96 | K 47 | 6 |
| 5.8 | 543 | 240 | 1.04 | | | 9.7 | 341 | 90.86 | 1.10 | KF 47 | 6 |
| 6.5 | 486 | 215 | 1.16 | K 57R37 | 4 | 10 | 319 | 85.12 | 1.18 | KA 47 | 6 |
| 7.2 | 434 | 192 | 1.30 | KF 57R37 | 4 | 12 | 282 | 75.2 | 1.33 | KAF47 | 6 |
| 8.4 | 376 | 166 | 1.50 | KA 57R37 | 4 | | | | | | |
| 9.9 | 319 | 141 | 1.77 | KAF57R37 | 4 | 11 | 315 | 131.87 | 1.19 | | |
| 11 | 285 | 126 | 1.98 | | | 12 | 290 | 121.48 | 1.30 | | |
| 13 | 244 | 108 | 2.3 | | | 13 | 249 | 104.37 | 1.51 | K 47 | 4 |
| 15 | 215 | 95 | 2.6 | | | 15 | 217 | 90.86 | 1.73 | KF 47 | 4 |
| | | | | | | 16 | 203 | 85.12 | 1.85 | KA 47 | 4 |
| | | | | | | 18 | 180 | 75.20 | 2.1 | KAF47 | 4 |
| 3.8 | 868 | 174.99 | 2.9 | K 87 | 8 | 20 | 167 | 69.84 | 2.3 | | |
| 4.1 | 813 | 164.05 | 3.1 | KF 87 | 8 | 22 | 151 | 63.30 | 2.5 | | |
| 4.6 | 729 | 147.09 | 3.5 | KA 87 | 8 | | | | | | |
| | | | | KAF87 | 8 | | | | | | |
| | | | | | | 14 | 234 | 97.81 | 0.80 | | |
| | | | | | | 17 | 200 | 83.69 | 0.94 | | |
| 4.5 | 740 | 197.27 | 3.4 | K 87 | 6 | 19 | 173 | 72.54 | 1.08 | | |
| 5.1 | 657 | 174.99 | 3.9 | KF 87 | 6 | 21 | 162 | 67.80 | 1.16 | | |
| | | | | KA 87 | 6 | 24 | 140 | 58.60 | 1.34 | | |
| | | | | KAF87 | 6 | 28 | 119 | 49.79 | 1.58 | | |
| | | | | | | 31 | 106 | 44.46 | 1.77 | | |
| 5.0 | 671 | 135.28 | 2.2 | K 77 | 8 | 37 | 91 | 37.97 | 2.07 | | |
| 5.2 | 637 | 128.52 | 2.3 | KF 77 | 8 | 39 | 85 | 35.57 | 2.21 | | |
| 5.9 | 563 | 113.56 | 2.6 | KA 77 | 8 | 46 | 72 | 29.96 | 2.63 | K 37 | 4 |
| 6.9 | 481 | 97.05 | 3.0 | KAF77 | 8 | 48 | 69 | 28.83 | 2.73 | KF 37 | 4 |
| | | | | | | 56 | 60 | 24.99 | 3.15 | KA 37 | 4 |
| | | | | | | 60 | 56 | 23.36 | 3.28 | KAF37 | 4 |
| 5.7 | 578 | 154.02 | 2.5 | K 77 | 6 | 69 | 48 | 20.19 | 3.60 | | |
| 6.5 | 508 | 135.28 | 2.9 | KF 77 | 6 | 81 | 41 | 17.15 | 4.13 | | |
| 6.9 | 482 | 128.52 | 3.0 | KA 77 | 6 | 91 | 37 | 15.31 | 4.5 | | |
| 7.8 | 426 | 113.56 | 3.4 | KAF77 | 6 | 106 | 31 | 13.08 | 5.0 | | |
| | | | | | | 114 | 29 | 12.14 | 5.2 | | |
| | | | | | | 133 | 25 | 10.49 | 6.0 | | |
| 7.23 | 459 | 192.18 | 3.2 | K 77 | 4 | 156 | 21 | 8.91 | 7.1 | | |
| 7.75 | 429 | 179.37 | 3.4 | KF 77 | 4 | 175 | 19 | 7.96 | 7.7 | | |
| 9.02 | 368 | 154.02 | 4.0 | KA 77 | 4 | 204 | 16 | 6.80 | 8.7 | | |
| | | | | KAF77 | 4 | 218 | 15 | 6.37 | 9.0 | | |
| | | | | | | 259 | 13 | 5.56 | 10 | | |
| 6.2 | 536 | 108.03 | 1.44 | K 67 | 8 | 0.55kW | | | | | |
| 6.5 | 509 | 102.62 | 1.52 | KF 67 | 8 | 0.08 | 57099 | 16978 | 0.82 | | |
| 7.4 | 446 | 90.04 | 1.73 | KA 67 | 8 | 0.10 | 47998 | 14272 | 0.98 | K 187R97 | 4 |
| | | | | KAF67 | 8 | 0.11 | 44111 | 13116 | 1.07 | KA 187R97 | 4 |
| | | | | | | 0.12 | 39170 | 11647 | 1.20 | | |
| | | | | | | 0.19 | 24662 | 7333 | 1.9 | | |
| 7.2 | 464 | 123.54 | 1.66 | K 67 | 6 | | | | | | |
| 8.2 | 405 | 108.03 | 1.90 | KF 67 | 6 | 0.12 | 38783 | 11532 | 0.78 | | |
| 8.6 | 385 | 102.62 | 2.0 | KA 67 | 6 | 0.14 | 34395 | 10227 | 0.87 | | |
| 9.8 | 338 | 90.04 | 2.3 | KAF67 | 6 | 0.16 | 28913 | 8597 | 1.04 | K 167R97 | 4 |
| | | | | | | 0.21 | 21988 | 6538 | 1.37 | KA 167R97 | 4 |
| 9.6 | 346 | 144.79 | 2.2 | K 67 | 4 | 0.26 | 18046 | 5366 | 1.67 | | |
| 11 | 295 | 123.54 | 2.6 | KF 67 | 4 | 0.34 | 13651 | 4059 | 2.2 | | |
| 13 | 258 | 108.03 | 3.0 | KA 67 | 4 | | | | | | |
| 15 | 215 | 90.04 | 3.6 | KAF67 | 4 | 0.20 | 23142 | 6881 | 0.73 | K 157R97 | 4 |
| 18 | 182 | 76.37 | 4.2 | | | 0.23 | 19947 | 5931 | 0.85 | KF 157R97 | 4 |
| | | | | | | 0.35 | 13365 | 3974 | 1.27 | KA 157R97 | 4 |
| | | | | | | 0.46 | 10247 | 3047 | 1.65 | KAF157R97 | 4 |
| 7.1 | 465 | 123.85 | 1.2 | | | | | | | | |
| 8.2 | 406 | 108.29 | 1.4 | K 57 | 6 | 0.31 | 14875 | 4423 | 0.82 | | |
| 8.6 | 386 | 102.88 | 1.5 | KF 57 | 6 | 0.37 | 12783 | 3801 | 0.96 | | |
| 10 | 339 | 90.26 | 1.7 | KA 57 | 6 | 0.43 | 10886 | 3237 | 1.12 | | |
| 12 | 287 | 76.56 | 2.0 | KAF57 | 6 | 0.47 | 9891 | 2941 | 1.24 | | |
| 13 | 259 | 69.12 | 2.2 | | | 0.55 | 8569 | 2548 | 1.43 | K 127R77 | 4 |
| | | | | | | 0.72 | 6477 | 1926 | 1.89 | KF 127R77 | 4 |
| 9.6 | 347 | 145.14 | 1.6 | | | 0.79 | 5909 | 1757 | 2.1 | KA 127R77 | 4 |
| 11 | 296 | 123.85 | 1.9 | K 57 | 4 | 0.90 | 5183 | 1541 | 2.4 | KAF127R77 | 4 |
| 13 | 259 | 108.29 | 2.2 | KF 57 | 4 | 1.0 | 4513 | 1342 | 2.7 | | |
| 14 | 246 | 102.88 | 2.3 | KA 57 | 4 | 1.2 | 3958 | 1177 | 3.1 | | |
| 15 | 216 | 90.26 | 2.6 | KAF57 | 4 | 1.4 | 3447 | 1025 | 3.5 | | |
| 18 | 183 | 76.56 | 3.1 | | | | | | | | |
| 20 | 165 | 69.12 | 3.4 | | | | | | | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.55kW | | | | | | 0.55kW | | | | | |
| 0.48 | 9649 | 2869 | 0.78 | | | 3.8 | 1290 | 174.99 | 2.0 | K 87 | 8 |
| 0.56 | 8421 | 2504 | 0.89 | | | 4.1 | 1209 | 164.05 | 2.1 | KF 87 | 8 |
| 0.63 | 7409 | 2203 | 1.01 | | | 4.5 | 1084 | 147.09 | 2.3 | KA 87 | 8 |
| 0.74 | 6286 | 1869 | 1.20 | | | | | | | KAF87 | 8 |
| 0.82 | 5680 | 1689 | 1.32 | K 107R77 | 4 | 4.5 | 1101 | 197.27 | 2.3 | K 87 | 6 |
| 0.91 | 5156 | 1533 | 1.46 | KF 107R77 | 4 | 5.1 | 976 | 174.99 | 2.6 | KF 87 | 6 |
| 1.1 | 4429 | 1317 | 1.70 | KA 107R77 | 4 | 5.4 | 915 | 164.05 | 2.8 | KA 87 | 6 |
| 1.2 | 3868 | 1150 | 1.94 | KAF107R77 | 4 | 6.0 | 821 | 147.09 | 3.1 | KAF87 | 6 |
| 1.4 | 3414 | 1015 | 2.2 | | | 6.5 | 755 | 135.28 | 1.9 | K 77 | 8 |
| 1.6 | 2929 | 871 | 2.6 | | | 6.9 | 717 | 128.52 | 2.0 | KF 77 | 8 |
| 1.8 | 2630 | 782 | 2.9 | | | 7.8 | 634 | 113.56 | 2.3 | KA 77 | 8 |
| 2.0 | 2307 | 686 | 3.3 | | | 9.1 | 541 | 97.05 | 2.7 | KAF77 | 8 |
| 2.3 | 2038 | 606 | 3.7 | | | | | | | | |
| 1.0 | 4809 | 1430 | 0.8 | | | 5.7 | 859 | 154.02 | 1.70 | K 77 | 6 |
| 1.1 | 4241 | 1261 | 1.0 | | | 6.5 | 755 | 135.28 | 1.93 | KF 77 | 6 |
| 1.3 | 3706 | 1102 | 1.1 | | | 6.9 | 717 | 128.52 | 2.0 | KA 77 | 6 |
| 1.5 | 3218 | 957 | 1.3 | | | 7.8 | 634 | 113.56 | 2.3 | KAF77 | 6 |
| 1.6 | 2875 | 855 | 1.4 | K 97R57 | 4 | | | | | | |
| 1.9 | 2499 | 743 | 1.6 | KF 97R57 | 4 | 9.0 | 547 | 154.02 | 2.7 | K 77 | 4 |
| 2.1 | 2189 | 651 | 1.8 | KA 97R57 | 4 | 10 | 481 | 135.28 | 3.0 | KF 77 | 4 |
| 2.4 | 1927 | 573 | 2.1 | KAF97R57 | 4 | 11 | 457 | 128.52 | 3.2 | KA 77 | 4 |
| 2.8 | 1695 | 504 | 2.4 | | | 12 | 403 | 113.56 | 3.6 | KAF77 | 4 |
| 3.2 | 1470 | 437 | 2.8 | | | 14 | 345 | 97.05 | 4.2 | | |
| 3.6 | 1285 | 382 | 3.1 | | | | | | | | |
| 4.6 | 1026 | 305 | 3.9 | | | 7.2 | 689 | 123.54 | 1.12 | K 67 | 6 |
| | | | | | | 8.2 | 603 | 108.03 | 1.28 | KF 67 | 6 |
| 1.5 | 3198 | 951 | 0.79 | | | 8.6 | 573 | 102.62 | 1.35 | KA 67 | 6 |
| 1.7 | 2815 | 837 | 0.90 | | | 10 | 502 | 90.04 | 1.53 | KAF67 | 6 |
| 1.9 | 2442 | 726 | 1.04 | | | 12 | 426 | 76.37 | 1.81 | | |
| 2.2 | 2146 | 638 | 1.18 | | | | | | | | |
| 2.5 | 1890 | 562 | 1.34 | | | 11 | 439 | 123.54 | 1.76 | K 67 | 4 |
| 2.9 | 1594 | 474 | 1.59 | K 87R57 | 4 | 13 | 384 | 108.03 | 2.0 | KF 67 | 4 |
| 3.3 | 1433 | 426 | 1.77 | KF 87R57 | 4 | 15 | 320 | 90.04 | 2.4 | KA 67 | 4 |
| 3.7 | 1254 | 373 | 2.0 | KA 87R57 | 4 | 18 | 271 | 76.37 | 2.8 | KAF67 | 4 |
| 4.2 | 1110 | 330 | 2.3 | KAF87R57 | 4 | | | | | | |
| 4.7 | 985 | 293 | 2.6 | | | 8.2 | 604 | 108.29 | 0.93 | | |
| 5.6 | 841 | 250 | 3.0 | | | 8.6 | 574 | 102.88 | 0.98 | | |
| 5.9 | 794 | 236 | 3.2 | | | 9.8 | 504 | 90.26 | 1.12 | K 57 | 6 |
| 6.9 | 676 | 201 | 3.8 | | | 12 | 427 | 76.56 | 1.32 | KF 57 | 6 |
| | | | | | | 13 | 386 | 69.12 | 1.46 | KA 57 | 6 |
| 2.5 | 1856 | 552 | 0.78 | | | 14 | 339 | 60.81 | 1.66 | KAF57 | 6 |
| 2.9 | 1631 | 485 | 0.89 | | | 15 | 320 | 57.42 | 1.76 | | |
| 3.2 | 1439 | 428 | 1.01 | | | | | | | | |
| 3.9 | 1204 | 358 | 1.21 | K 77R37 | 4 | 11 | 440 | 123.85 | 1.28 | | |
| 4.3 | 1076 | 320 | 1.35 | KF 77R37 | 4 | 13 | 385 | 108.29 | 1.47 | | |
| 4.9 | 952 | 283 | 1.53 | KA 77R37 | 4 | 14 | 365 | 102.88 | 1.54 | K 57 | 4 |
| 5.7 | 827 | 246 | 1.76 | KAF77R37 | 4 | 15 | 321 | 90.26 | 1.76 | KF 57 | 4 |
| 6.4 | 726 | 216 | 2.0 | | | 18 | 272 | 76.56 | 2.1 | KA 57 | 4 |
| 7.3 | 642 | 191 | 2.3 | | | 20 | 246 | 69.12 | 2.3 | KAF57 | 4 |
| 8.2 | 572 | 170 | 2.5 | | | 23 | 216 | 60.81 | 2.6 | | |
| 9.3 | 504 | 150 | 2.9 | | | 24 | 204 | 57.42 | 2.8 | | |
| | | | | | | | | | | | |
| 5.1 | 915 | 272 | 0.84 | | | 13 | 371 | 104.37 | 1.01 | | |
| 5.8 | 807 | 240 | 0.95 | K 67R37 | 4 | 15 | 323 | 90.86 | 1.17 | | |
| 6.4 | 730 | 217 | 1.1 | KF 67R37 | 4 | 16 | 302 | 85.12 | 1.24 | K 47 | 4 |
| 7.3 | 642 | 191 | 1.2 | KA 67R37 | 4 | 18 | 267 | 75.20 | 1.41 | KF 47 | 4 |
| 8.4 | 558 | 166 | 1.4 | KAF67R37 | 4 | 20 | 248 | 69.84 | 1.52 | KA 47 | 4 |
| 9.7 | 484 | 144 | 1.6 | | | 22 | 225 | 63.30 | 1.67 | KAF47 | 4 |
| 12 | 400 | 119 | 1.9 | | | 24 | 202 | 56.83 | 1.86 | | |
| | | | | | | 28 | 174 | 48.95 | 2.2 | | |
| 7.2 | 646 | 192 | 0.87 | K 57R37 | 4 | 30 | 164 | 46.03 | 2.3 | | |
| 8.4 | 558 | 166 | 1.0 | KF 57R37 | 4 | | | | | | |
| 9.9 | 474 | 141 | 1.2 | KA 57R37 | 4 | 24 | 208 | 58.6 | 0.90 | K 37 | 4 |
| 11 | 424 | 126 | 1.3 | KAF57R37 | 4 | 28 | 177 | 49.79 | 1.06 | KF 37 | 4 |
| 13 | 363 | 108 | 1.6 | | | 31 | 158 | 44.46 | 1.19 | KA 37 | 4 |
| 15 | 319 | 95 | 1.8 | | | 37 | 135 | 37.97 | 1.39 | KAF37 | 4 |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.55kW | | | | | | 0.75kW | | | | | |
| 39 | 126 | 35.57 | 1.49 | | | 1.9 | 3329 | 726 | 0.76 | | |
| 46 | 106 | 29.96 | 1.77 | | | 2.2 | 2926 | 638 | 0.87 | | |
| 48 | 102 | 28.83 | 1.84 | | | 2.5 | 2577 | 562 | 0.98 | | |
| 56 | 89 | 24.99 | 2.1 | K 37 | 4 | 2.9 | 2174 | 474 | 1.17 | K 87R57 | 4 |
| 60 | 83 | 23.36 | 2.2 | KF 37 | 4 | 3.3 | 1954 | 426 | 1.30 | KF 87R57 | 4 |
| 69 | 72 | 20.19 | 2.4 | KA 37 | 4 | 3.7 | 1711 | 373 | 1.48 | KA 87R57 | 4 |
| 81 | 61 | 17.15 | 2.8 | KAF37 | 4 | 4.2 | 1513 | 330 | 1.68 | KAF87R57 | 4 |
| 91 | 54 | 15.31 | 3.0 | | | 4.7 | 1344 | 293 | 1.89 | | |
| 106 | 46 | 13.08 | 3.3 | | | 5.6 | 1147 | 250 | 2.2 | | |
| 114 | 43 | 12.14 | 3.5 | | | 5.9 | 1082 | 236 | 2.3 | | |
| 133 | 37 | 10.49 | 4.0 | | | 6.9 | 922 | 201 | 2.8 | | |
| 156 | 32 | 8.91 | 4.8 | | | | | | | | |
| 175 | 28 | 7.96 | 5.2 | | | 3.9 | 1642 | 358 | 0.89 | | |
| 204 | 24 | 6.80 | 5.8 | | | 4.3 | 1468 | 320 | 0.99 | K 77R37 | 4 |
| 218 | 23 | 6.37 | 6.0 | | | 4.9 | 1298 | 283 | 1.12 | KF 77R37 | 4 |
| 259 | 19 | 5.36 | 6.9 | | | 5.7 | 1128 | 246 | 1.29 | KA 77R37 | 4 |
| | | | | | | 6.4 | 991 | 216 | 1.47 | KAF77R37 | 4 |
| 0.75kW | | | | | | 0.75kW | | | | | |
| 0.11 | 60151 | 13116 | 0.78 | | | 3.9 | 1737 | 175.47 | 2.3 | K 97 | 8 |
| 0.12 | 53414 | 11647 | 0.88 | | | 4.4 | 1508 | 152.31 | 2.7 | KF 97 | 8 |
| 0.19 | 33630 | 7333 | 1.40 | K 187R97 | 4 | 4.8 | 1389 | 140.28 | 2.9 | KA 97 | 8 |
| 0.21 | 30901 | 6738 | 1.52 | KA 187R97 | 4 | | | | | KAF97 | 8 |
| 0.23 | 27443 | 5984 | 1.71 | | | | | | | | |
| 0.16 | 39426 | 8597 | 0.76 | | | 4.6 | 1456 | 147.09 | 1.7 | K 87 | 8 |
| 0.21 | 29984 | 6538 | 1.00 | K 167R97 | 4 | 5.4 | 1254 | 126.68 | 2.0 | KF 87 | 8 |
| 0.26 | 24609 | 5366 | 1.22 | KA 167R97 | 4 | 5.9 | 1140 | 115.16 | 2.2 | KA 87 | 8 |
| 0.34 | 18615 | 4059 | 1.62 | | | 6.6 | 1017 | 102.71 | 2.5 | KAF87 | 8 |
| 0.41 | 15405 | 3359 | 1.95 | | | | | | | | |
| 0.35 | 18225 | 3974 | 0.93 | K 157R97 | 4 | 5.2 | 1295 | 174.99 | 2.0 | K 87 | 6 |
| 0.46 | 13974 | 3047 | 1.21 | KF 157R97 | 4 | 5.5 | 1214 | 164.05 | 2.1 | KF 87 | 6 |
| 0.83 | 7705 | 1680 | 2.2 | KA 157R97 | 4 | 6.2 | 1088 | 147.09 | 2.3 | KA 87 | 6 |
| 1.02 | 6260 | 1365 | 2.7 | KAF157R97 | 4 | 7.2 | 937 | 126.68 | 2.7 | KAF87 | 6 |
| | | | | | | | | | | | |
| 0.43 | 14845 | 3237 | 0.82 | | | 7.0 | 956 | 197.27 | 2.7 | K 87 | 4 |
| 0.47 | 13488 | 2941 | 0.91 | | | 8.0 | 848 | 174.99 | 3.0 | KF 87 | 4 |
| 0.55 | 11685 | 2548 | 1.05 | | | 8.5 | 795 | 164.05 | 3.2 | KA 87 | 4 |
| 0.72 | 8833 | 1926 | 1.38 | K 127R77 | 4 | 9.4 | 712 | 147.09 | 3.6 | KAF87 | 4 |
| 0.79 | 8058 | 1757 | 1.52 | KF 127R77 | 4 | | | | | | |
| 0.90 | 7067 | 1541 | 1.73 | KA 127R77 | 4 | 6.7 | 1001 | 135.28 | 1.46 | K 77 | 6 |
| 1.0 | 6154 | 1342 | 1.99 | KAF127R77 | 4 | 7.1 | 951 | 128.52 | 1.53 | KF 77 | 6 |
| 1.2 | 5398 | 1177 | 2.3 | | | 8.0 | 840 | 113.56 | 1.73 | KA 77 | 6 |
| 1.4 | 4701 | 1025 | 2.6 | | | 9.4 | 718 | 97.05 | 2.0 | KAF77 | 6 |
| 1.5 | 4123 | 899 | 3.0 | | | 10 | 658 | 88.97 | 2.2 | | |
| | | | | | | | | | | | |
| 0.82 | 7746 | 1689 | 0.97 | | | 9.0 | 746 | 154.02 | 1.95 | K 77 | 4 |
| 0.91 | 7030 | 1533 | 1.07 | | | 10 | 655 | 135.28 | 2.2 | KF 77 | 4 |
| 1.1 | 6040 | 1317 | 1.25 | K 107R77 | 4 | 11 | 623 | 128.52 | 2.3 | KA 77 | 4 |
| 1.2 | 5274 | 1150 | 1.43 | KF 107R77 | 4 | 14 | 470 | 113.56 | 2.6 | KAF77 | 4 |
| 1.4 | 4655 | 1015 | 1.62 | KA 107R77 | 4 | | | | | | |
| 1.6 | 3994 | 871 | 1.88 | KAF107R77 | 4 | 11 | 598 | 123.54 | 1.29 | | |
| 1.8 | 3586 | 782 | 2.1 | | | 13 | 523 | 108.03 | 1.47 | K 67 | 4 |
| 2.0 | 3146 | 686 | 2.4 | | | 15 | 436 | 90.04 | 1.77 | KF 67 | 4 |
| 2.3 | 2779 | 606 | 2.7 | | | 18 | 370 | 76.37 | 2.1 | KA 67 | 4 |
| | | | | | | 20 | 334 | 68.95 | 2.3 | KAF67 | 4 |
| 1.3 | 5054 | 1102 | 0.8 | | | 23 | 294 | 60.66 | 2.6 | | |
| 1.5 | 4389 | 957 | 0.9 | | | 24 | 277 | 57.28 | 2.8 | | |
| 1.6 | 3921 | 855 | 1.0 | | | | | | | | |
| 1.9 | 3407 | 743 | 1.2 | K 97R57 | 4 | 11 | 600 | 123.85 | 0.9 | | |
| 2.1 | 2986 | 651 | 1.4 | KF 97R57 | 4 | 13 | 525 | 108.29 | 1.1 | | |
| 2.4 | 2628 | 573 | 1.5 | KA 97R57 | 4 | 14 | 498 | 102.88 | 1.1 | | |
| 2.8 | 2311 | 504 | 1.7 | KAF97R57 | 4 | 15 | 437 | 90.26 | 1.3 | K 57 | 4 |
| 3.2 | 2004 | 437 | 2.0 | | | 18 | 371 | 76.56 | 1.5 | KF 57 | 4 |
| 3.6 | 1752 | 382 | 2.3 | | | 20 | 335 | 69.12 | 1.7 | KA 57 | 4 |
| 4.6 | 1399 | 305 | 2.9 | | | 23 | 295 | 60.81 | 1.9 | KAF57 | 4 |
| 5.4 | 1183 | 258 | 3.4 | | | 24 | 278 | 57.42 | 2.0 | | |
| 6.0 | 1064 | 232 | 3.8 | | | 28 | 237 | 48.89 | 2.4 | | |
| 7.0 | 913 | 199 | 4.4 | | | 31 | 215 | 44.43 | 2.6 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 0.75kW | | | | | | 1.1kW | | | | | |
| 18 | 364 | 75.2 | 1.03 | | | 1.5 | 6047 | 899 | 2.0 | | |
| 20 | 338 | 69.84 | 1.11 | | | 1.8 | 5314 | 790 | 2.3 | K 127R77 | 4 |
| 22 | 307 | 63.30 | 1.23 | K 47 | 4 | 2.0 | 4641 | 690 | 2.6 | KF 127R77 | 4 |
| 24 | 275 | 56.83 | 1.37 | KF 47 | 4 | 2.3 | 4029 | 599 | 3.0 | KA 127R77 | 4 |
| 28 | 237 | 48.95 | 1.59 | KA 47 | 4 | 2.6 | 3625 | 539 | 3.4 | KAF127R77 | 4 |
| 30 | 223 | 46.03 | 1.69 | KAF47 | 4 | 3.0 | 3148 | 468 | 3.9 | | |
| 35 | 192 | 39.61 | 1.96 | | | 1.2 | 7735 | 1150 | 1.0 | | |
| 39 | 171 | 35.39 | 2.2 | | | 1.4 | 6827 | 1015 | 1.1 | | |
| 45 | 151 | 31.19 | 2.5 | | | 1.6 | 5859 | 871 | 1.3 | | |
| 31 | 215 | 44.46 | 0.87 | | | 1.8 | 5260 | 782 | 1.4 | K 107R77 | 4 |
| 37 | 184 | 37.97 | 1.02 | | | 2.0 | 4614 | 686 | 1.6 | KF 107R77 | 4 |
| 39 | 172 | 35.57 | 1.09 | | | 2.3 | 4076 | 606 | 1.8 | KA 107R77 | 4 |
| 46 | 145 | 29.96 | 1.30 | | | 2.7 | 3464 | 515 | 2.2 | KAF107R77 | 4 |
| 48 | 140 | 28.83 | 1.35 | | | 3.1 | 3060 | 455 | 2.5 | | |
| 56 | 121 | 24.99 | 1.55 | | | 3.5 | 2704 | 402 | 2.8 | | |
| 60 | 113 | 23.36 | 1.62 | | | 4.0 | 2361 | 351 | 3.2 | | |
| 69 | 98 | 20.19 | 1.78 | K 37 | 4 | 4.5 | 2065 | 307 | 3.6 | | |
| 81 | 83 | 17.15 | 2.0 | KF 37 | 4 | 1.9 | 4998 | 743 | 0.81 | | |
| 91 | 74 | 15.31 | 2.2 | KA 37 | 4 | 2.1 | 4379 | 651 | 0.92 | | |
| 106 | 63 | 13.08 | 2.4 | KAF37 | 4 | 2.4 | 3854 | 573 | 1.05 | K 97R57 | 4 |
| 114 | 59 | 12.14 | 2.6 | | | 2.8 | 3390 | 504 | 1.19 | KF 97R57 | 4 |
| 133 | 51 | 10.49 | 3.0 | | | 3.2 | 2939 | 437 | 1.38 | KA 97R57 | 4 |
| 156 | 43 | 8.91 | 3.5 | | | 3.6 | 2569 | 382 | 1.57 | KAF97R57 | 4 |
| 175 | 39 | 7.96 | 3.8 | | | 4.1 | 2300 | 342 | 1.76 | | |
| 204 | 33 | 6.80 | 4.3 | | | 2.9 | 3188 | 474 | 0.80 | | |
| 218 | 31 | 6.37 | 4.4 | | | 3.3 | 2865 | 426 | 0.89 | | |
| 259 | 26 | 5.36 | 5.1 | | | 3.7 | 2509 | 373 | 1.01 | K 87R57 | 4 |
| 1.1kW | | | | | | 1.1kW | | | | | |
| 0.15 | 62528 | 9363 | 0.75 | | | 4.2 | 2220 | 330 | 1.14 | KF 87R57 | 4 |
| 0.17 | 54267 | 8126 | 0.87 | | | 4.7 | 1971 | 293 | 1.29 | KA 87R57 | 4 |
| 0.19 | 48971 | 7333 | 0.96 | | | 5.6 | 1682 | 250 | 1.51 | KAF87R57 | 4 |
| 0.21 | 44998 | 6738 | 1.04 | K 187R97 | 4 | 5.9 | 1587 | 236 | 1.60 | | |
| 0.23 | 39962 | 5984 | 1.18 | KA 187R97 | 4 | 6.9 | 1352 | 201 | 1.88 | | |
| 0.26 | 35728 | 5350 | 1.32 | | | 3.9 | 2548 | 175.47 | 1.6 | K 97 | 8 |
| 0.29 | 32122 | 4810 | 1.46 | | | 4.4 | 2212 | 152.31 | 1.8 | KF 97 | 8 |
| 0.32 | 29144 | 4364 | 1.61 | | | 4.8 | 2037 | 140.28 | 2.0 | KA 97 | 8 |
| 0.26 | 35835 | 5366 | 0.84 | | | 5.5 | 1810 | 124.61 | 2.2 | KAF97 | 8 |
| 0.29 | 32042 | 4798 | 0.94 | | | 5.2 | 1904 | 175.47 | 2.1 | K 97 | 6 |
| 0.34 | 27107 | 4059 | 1.11 | | | 5.9 | 1653 | 152.31 | 2.4 | KF 97 | 6 |
| 0.42 | 22432 | 3359 | 1.34 | K 167R97 | 4 | 6.5 | 1522 | 140.28 | 2.7 | KA 97 | 6 |
| 0.51 | 18305 | 2741 | 1.64 | KA 167R97 | 4 | 7.3 | 1352 | 124.61 | 3.0 | KAF97 | 6 |
| 0.64 | 14518 | 2174 | 2.1 | | | 8.0 | 1238 | 175.47 | 3.3 | K 97 | 4 |
| 0.82 | 11340 | 1698 | 2.7 | | | 9.1 | 1074 | 152.31 | 3.7 | KF 97 | 4 |
| 1.00 | 9363 | 1402 | 3.2 | | | 10 | 989 | 140.28 | 4.1 | KA 97 | 4 |
| 1.08 | 8622 | 1291 | 3.5 | | | | | | | KAF97 | 4 |
| 0.40 | 23480 | 3516 | 0.72 | | | 5.2 | 1899 | 174.99 | 1.34 | K 87 | 6 |
| 0.46 | 20375 | 3051 | 0.83 | | | 5.5 | 1780 | 164.05 | 1.42 | KF 87 | 6 |
| 0.54 | 17430 | 2610 | 0.97 | | | 6.2 | 1596 | 147.09 | 1.59 | KA 87 | 6 |
| 0.60 | 15507 | 2322 | 1.09 | K 157R97 | 4 | 7.2 | 1375 | 126.68 | 1.84 | KAF87 | 6 |
| 0.83 | 11219 | 1680 | 1.51 | KF 157R97 | 4 | 8.0 | 1234 | 174.99 | 2.1 | | |
| 1.0 | 9116 | 1365 | 1.86 | KA 157R97 | 4 | 8.5 | 1157 | 164.05 | 2.2 | K 87 | 4 |
| 1.1 | 8207 | 1229 | 2.1 | KAF157R97 | 4 | 9.5 | 1037 | 147.09 | 2.4 | KF 87 | 4 |
| 1.3 | 7299 | 1093 | 2.3 | | | 11 | 894 | 126.68 | 2.8 | KA 87 | 4 |
| 1.5 | 6291 | 942 | 2.7 | | | 12 | 812 | 115.16 | 3.1 | KAF87 | 4 |
| 1.6 | 5703 | 854 | 3.0 | | | 6.7 | 1468 | 135.28 | 0.99 | K 77 | 6 |
| 0.72 | 12955 | 1926 | 0.9 | | | 7.1 | 1395 | 128.52 | 1.04 | KF 77 | 6 |
| 0.79 | 11818 | 1757 | 1.0 | K 127R77 | 4 | 8.0 | 1232 | 113.56 | 1.18 | KA 77 | 6 |
| 0.90 | 10365 | 1541 | 1.2 | KF 127R77 | 4 | 9.4 | 1053 | 97.05 | 1.38 | KAF77 | 6 |
| 1.0 | 9027 | 1342 | 1.4 | KA 127R77 | 4 | | | | | | |
| 1.2 | 7917 | 1177 | 1.5 | KAF127R77 | 4 | | | | | | |
| 1.4 | 6894 | 1025 | 1.8 | | | | | | | | |



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 1.1kW | | | | | | 1.5kW | | | | | |
| 10 | 954 | 135.28 | 1.53 | | | 0.21 | 61360 | 6738 | 0.77 | | |
| 11 | 906 | 128.52 | 1.61 | K 77 | 4 | 0.23 | 54494 | 5984 | 0.86 | | |
| 12 | 801 | 113.56 | 1.82 | KF 77 | 4 | 0.26 | 48720 | 5350 | 0.96 | | |
| 14 | 685 | 97.05 | 2.1 | KA 77 | 4 | 0.29 | 43803 | 4810 | 1.07 | K 187R97 | 4 |
| 16 | 628 | 88.97 | 2.3 | KAF77 | 4 | 0.32 | 39741 | 4364 | 1.18 | KA 187R97 | 4 |
| 18 | 551 | 78.07 | 2.6 | | | 0.39 | 32866 | 3609 | 1.43 | | |
| 19 | 522 | 73.99 | 2.8 | | | 0.46 | 27884 | 3062 | 1.69 | | |
| 13 | 762 | 108.03 | 1.01 | | | 0.56 | 22940 | 2519 | 2.0 | | |
| 14 | 724 | 102.62 | 1.06 | | | 0.62 | 20654 | 2268 | 2.3 | | |
| 16 | 635 | 90.04 | 1.21 | | | 0.34 | 36964 | 4059 | 0.81 | | |
| 18 | 539 | 76.37 | 1.43 | K 67 | 4 | 0.42 | 30589 | 3359 | 0.98 | | |
| 20 | 486 | 68.95 | 1.58 | KF 67 | 4 | 0.51 | 24961 | 2741 | 1.21 | | |
| 23 | 428 | 60.66 | 1.80 | KA 67 | 4 | 0.64 | 19798 | 2174 | 1.52 | K 167R97 | 4 |
| 24 | 404 | 57.28 | 1.91 | KAF67 | 4 | 0.82 | 15463 | 1698 | 1.95 | KA 167R97 | 4 |
| 29 | 344 | 48.77 | 2.2 | | | 1.0 | 12767 | 1402 | 2.4 | | |
| 32 | 313 | 44.32 | 2.5 | | | 1.1 | 11757 | 1291 | 2.6 | | |
| 36 | 271 | 38.39 | 2.8 | | | 0.6 | 21118 | 2319 | 0.8 | | |
| 16 | 637 | 90.26 | 0.89 | | | 0.8 | 15299 | 1680 | 1.1 | | |
| 18 | 540 | 76.56 | 1.04 | | | 1.0 | 12431 | 1365 | 1.4 | K 157R97 | 4 |
| 20 | 488 | 69.12 | 1.16 | | | 1.1 | 11192 | 1229 | 1.5 | KF 157R97 | 4 |
| 23 | 429 | 60.81 | 1.31 | | | 1.3 | 9954 | 1093 | 1.7 | KA 157R97 | 4 |
| 24 | 405 | 57.42 | 1.39 | | | 1.5 | 8578 | 942 | 2.0 | KAF157R97 | 4 |
| 29 | 345 | 48.89 | 1.64 | | | 1.6 | 7777 | 854 | 2.2 | | |
| 32 | 313 | 44.43 | 1.80 | | | 2.5 | 5145 | 565 | 3.3 | | |
| 36 | 271 | 38.49 | 2.1 | | | 2.8 | 4581 | 503 | 3.7 | | |
| 39 | 252 | 35.70 | 2.2 | | | 2.6 | 4881 | 536 | 2.5 | K 127R87 | 4 |
| 46 | 214 | 30.28 | 2.6 | | | 3.3 | 3807 | 418 | 3.2 | KF 127R87 | 4 |
| 51 | 193 | 27.34 | 2.9 | K 57 | 4 | 3.8 | 3342 | 367 | 3.7 | KA 127R87 | 4 |
| 58 | 170 | 24.05 | 3.3 | KF 57 | 4 | | | | | KAF127R87 | 4 |
| 62 | 160 | 22.71 | 3.5 | KA 57 | 4 | 0.80 | 16000 | 1757 | 0.76 | | |
| 72 | 136 | 19.34 | 4.0 | KAF57 | 4 | 0.91 | 14033 | 1541 | 0.87 | | |
| 80 | 124 | 17.57 | 4.2 | | | 1.0 | 12221 | 1342 | 1.00 | | |
| 92 | 107 | 15.22 | 4.6 | | | 1.2 | 10718 | 1177 | 1.14 | | |
| 106 | 93 | 13.25 | 4.7 | | | 1.4 | 9334 | 1025 | 1.31 | K 127R77 | 4 |
| 117 | 84 | 11.92 | 4.9 | | | 1.6 | 8187 | 899 | 1.49 | KF 127R77 | 4 |
| 124 | 79 | 11.26 | 5.1 | | | 1.8 | 7194 | 790 | 1.70 | KA 127R77 | 4 |
| 146 | 68 | 9.59 | 5.6 | | | 2.0 | 6284 | 690 | 1.94 | KAF127R77 | 4 |
| 161 | 61 | 8.71 | 6.0 | | | 2.3 | 5455 | 599 | 2.2 | | |
| 185 | 53 | 7.55 | 6.4 | | | 2.6 | 4908 | 539 | 2.5 | | |
| 213 | 46 | 6.57 | 7.0 | | | 3.0 | 4262 | 468 | 2.9 | | |
| 25 | 401 | 56.83 | 0.94 | | | 3.4 | 3734 | 410 | 3.3 | | |
| 29 | 345 | 48.95 | 1.09 | | | 1.4 | 9243 | 1015 | 0.8 | | |
| 30 | 325 | 46.03 | 1.16 | | | 1.6 | 7932 | 871 | 0.9 | | |
| 35 | 279 | 39.61 | 1.35 | K 47 | 4 | 1.8 | 7121 | 782 | 1.1 | | |
| 40 | 250 | 35.39 | 1.51 | KF 47 | 4 | 2.0 | 6247 | 686 | 1.2 | K 107R77 | 4 |
| 45 | 220 | 31.19 | 1.71 | KA 47 | 4 | 2.3 | 5519 | 606 | 1.4 | KF 107R77 | 4 |
| 48 | 207 | 29.32 | 1.82 | KAF47 | 4 | 2.7 | 4690 | 515 | 1.6 | KA 107R77 | 4 |
| 54 | 183 | 25.91 | 2.1 | | | 3.1 | 4144 | 455 | 1.8 | KAF107R77 | 4 |
| 64 | 154 | 21.81 | 2.4 | | | 3.5 | 3661 | 402 | 2.1 | | |
| 72 | 138 | 19.58 | 2.7 | | | 4.0 | 3196 | 351 | 2.4 | | |
| 47 | 211 | 29.96 | 0.89 | | | 4.6 | 2796 | 307 | 2.7 | | |
| 56 | 176 | 24.99 | 1.07 | | | 2.4 | 5218 | 573 | 0.8 | | |
| 60 | 165 | 23.36 | 1.11 | | | 2.8 | 4590 | 504 | 0.9 | | |
| 69 | 142 | 20.19 | 1.22 | | | 3.2 | 3980 | 437 | 1.0 | | |
| 82 | 121 | 17.15 | 1.40 | | | 3.7 | 3479 | 382 | 1.2 | K 97R57 | 4 |
| 91 | 108 | 15.31 | 1.52 | K 37 | 4 | 4.1 | 3114 | 342 | 1.3 | KF 97R57 | 4 |
| 107 | 92 | 13.08 | 1.68 | KF 37 | 4 | 4.6 | 2778 | 305 | 1.5 | KA 97R57 | 4 |
| 115 | 86 | 12.14 | 1.76 | KA 37 | 4 | 5.4 | 2350 | 258 | 1.7 | KAF97R57 | 4 |
| 133 | 74 | 10.49 | 2.0 | KAF37 | 4 | 6.0 | 2113 | 232 | 1.9 | | |
| 157 | 63 | 8.91 | 2.4 | | | 7.0 | 1812 | 199 | 2.2 | | |
| 176 | 56 | 7.96 | 2.6 | | | | | | | | |
| 206 | 48 | 6.80 | 2.9 | | | | | | | | |
| 220 | 45 | 6.37 | 3.0 | | | | | | | | |
| 261 | 38 | 5.36 | 3.5 | | | | | | | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 1.5kW | | | | | | 1.5kW | | | | | |
| 4.2 | 3005 | 330 | 0.84 | K 87R57 | 4 | 23 | 585 | 60.81 | 0.96 | | |
| 4.8 | 2668 | 293 | 0.95 | KF 87R57 | 4 | 24 | 552 | 57.42 | 1.02 | | |
| 5.6 | 2277 | 250 | 1.11 | KA 87R57 | 4 | 29 | 470 | 48.89 | 1.20 | | |
| 5.9 | 2149 | 236 | 1.18 | KAF87R57 | 4 | 32 | 427 | 44.43 | 1.32 | K 57 | 4 |
| 7.0 | 1830 | 201 | 1.39 | | | 36 | 370 | 38.49 | 1.52 | KF 57 | 4 |
| 7.7 | 1667 | 183 | 1.52 | | | 39 | 343 | 35.70 | 1.64 | KA 57 | 4 |
| | | | | | | 46 | 291 | 30.28 | 1.94 | KAF57 | 4 |
| 4.9 | 2770 | 141.93 | 2.7 | K 107 | 8 | 51 | 263 | 27.34 | 2.1 | | |
| 5.8 | 2334 | 119.58 | 3.2 | KF 107 | 8 | 58 | 231 | 24.05 | 2.4 | | |
| 6.2 | 2163 | 110.83 | 3.5 | KA 107 | 8 | 62 | 218 | 22.71 | 2.6 | | |
| | | | | KAF107 | 8 | 72 | 186 | 19.34 | 2.9 | | |
| 4.5 | 2972 | 152.31 | 1.36 | K 97 | 8 | 35 | 381 | 39.61 | 0.99 | | |
| 4.9 | 2738 | 140.28 | 1.48 | KF 97 | 8 | 40 | 340 | 35.39 | 1.10 | | |
| 5.5 | 2432 | 124.61 | 1.66 | KA 97 | 8 | 45 | 300 | 31.19 | 1.25 | | |
| | | | | KAF97 | 8 | 48 | 282 | 29.32 | 1.33 | K 47 | 4 |
| 5.2 | 2569 | 175.47 | 1.57 | K 97 | 6 | 54 | 249 | 25.91 | 1.51 | KF 47 | 4 |
| 6.0 | 2229 | 152.31 | 1.81 | KF 97 | 6 | 64 | 210 | 21.81 | 1.79 | KA 47 | 4 |
| 6.6 | 2053 | 140.28 | 1.97 | KA 97 | 6 | 72 | 188 | 19.58 | 2.0 | KAF47 | 4 |
| 7.4 | 1824 | 124.61 | 2.2 | KAF97 | 6 | 83 | 162 | 16.86 | 2.2 | | |
| 8.0 | 1688 | 175.47 | 2.4 | K 97 | 4 | 88 | 153 | 15.86 | 2.3 | | |
| 9.2 | 1465 | 152.31 | 2.7 | KF 97 | 4 | 103 | 131 | 13.65 | 2.6 | | |
| 10 | 1349 | 140.28 | 3.0 | KA 97 | 4 | 115 | 117 | 12.19 | 2.8 | | |
| 11 | 1199 | 124.61 | 3.4 | KAF97 | 4 | 119 | 113 | 11.77 | 3.0 | | |
| 6.3 | 2153 | 147.09 | 1.18 | K 87 | 6 | 60 | 225 | 23.36 | 0.82 | | |
| 7.2 | 1854 | 126.68 | 1.37 | KF 87 | 6 | 69 | 194 | 20.19 | 0.90 | | |
| 7.9 | 1686 | 115.16 | 1.50 | KA 87 | 6 | 82 | 165 | 17.15 | 1.03 | | |
| 9.0 | 1503 | 102.71 | 1.69 | KAF87 | 6 | 91 | 147 | 15.31 | 1.12 | K 37 | 4 |
| 8.0 | 1683 | 174.99 | 1.51 | | | 107 | 126 | 13.08 | 1.23 | KF 37 | 4 |
| 8.5 | 1578 | 164.05 | 1.61 | | | 115 | 117 | 12.14 | 1.29 | KA 37 | 4 |
| 9.5 | 1415 | 147.09 | 1.79 | K 87 | 4 | 133 | 101 | 10.49 | 1.49 | KAF37 | 4 |
| 11 | 1218 | 126.68 | 2.1 | KF 87 | 4 | 157 | 86 | 8.91 | 1.75 | | |
| 12 | 1108 | 115.16 | 2.3 | KA 87 | 4 | 176 | 77 | 7.96 | 1.90 | | |
| 14 | 988 | 102.71 | 2.6 | KAF87 | 4 | 206 | 65 | 6.80 | 2.2 | | |
| 16 | 830 | 86.34 | 3.1 | | | 220 | 61 | 6.37 | 2.2 | | |
| | | | | | | 261 | 52 | 5.36 | 2.6 | | |
| 8.0 | 1680 | 113.56 | 0.87 | K 77 | 6 | 2.2kW | | | | | |
| 9.4 | 1436 | 97.05 | 1.01 | KF 77 | 6 | 0.33 | 57466 | 4364 | 0.82 | | |
| 10 | 1317 | 88.97 | 1.11 | KA 77 | 6 | 0.39 | 47524 | 3609 | 0.99 | | |
| 12 | 1155 | 78.07 | 1.26 | KAF77 | 6 | 0.46 | 40321 | 3062 | 1.17 | | |
| 10 | 1301 | 135.28 | 1.12 | | | 0.50 | 37108 | 2818 | 1.27 | | |
| 11 | 1236 | 128.52 | 1.18 | | | 0.56 | 33171 | 2519 | 1.42 | K 187R97 | 4 |
| 12 | 1092 | 113.56 | 1.33 | | | 0.63 | 29866 | 2268 | 1.57 | KA 187R97 | 4 |
| 14 | 933 | 97.05 | 1.56 | K 77 | 4 | 0.69 | 27048 | 2054 | 1.74 | | |
| 16 | 856 | 88.97 | 1.70 | KF 77 | 4 | 0.78 | 23979 | 1821 | 1.96 | | |
| 18 | 751 | 78.07 | 1.94 | KA 77 | 4 | 0.88 | 21135 | 1605 | 2.2 | | |
| 19 | 712 | 73.99 | 2.0 | KAF77 | 4 | | | | | | |
| 22 | 623 | 64.75 | 2.3 | | | 0.52 | 36094 | 2741 | 0.83 | | |
| 24 | 561 | 58.34 | 2.6 | | | 0.63 | 29655 | 2252 | 1.01 | | |
| 27 | 492 | 51.18 | 3.0 | | | 0.65 | 28628 | 2174 | 1.05 | | |
| 31 | 434 | 45.16 | 3.4 | | | 0.84 | 22360 | 1698 | 1.35 | K 167R97 | 4 |
| 35 | 385 | 40.04 | 3.8 | | | 1.0 | 18462 | 1402 | 1.63 | KA 167R97 | 4 |
| 16 | 866 | 90.04 | 0.89 | | | 1.1 | 17000 | 1291 | 1.77 | | |
| 18 | 735 | 76.37 | 1.05 | | | 1.3 | 14498 | 1101 | 2.1 | | |
| 20 | 663 | 68.95 | 1.16 | | | 1.5 | 12431 | 944 | 2.4 | | |
| 23 | 583 | 60.66 | 1.32 | | | | | | | | |
| 24 | 551 | 57.28 | 1.40 | K 67 | 4 | 0.85 | 22123 | 1680 | 0.76 | | |
| 29 | 469 | 48.77 | 1.64 | KF 67 | 4 | 1.0 | 17975 | 1365 | 0.94 | K 157R97 | 4 |
| 32 | 426 | 44.32 | 1.81 | KA 67 | 4 | 1.2 | 16184 | 1229 | 1.05 | KF 157R97 | 4 |
| 36 | 369 | 38.39 | 2.1 | KAF67 | 4 | 1.3 | 14393 | 1093 | 1.18 | KA 157R97 | 4 |
| 39 | 343 | 35.62 | 2.2 | | | 1.5 | 12404 | 942 | 1.36 | KAF157R97 | 4 |
| 46 | 291 | 30.22 | 2.7 | | | 1.7 | 11246 | 854 | 1.50 | | |
| 51 | 262 | 27.28 | 2.9 | | | 1.9 | 9955 | 756 | 1.70 | | |
| 58 | 231 | 24.00 | 3.3 | | | | | | | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 3.0kW | | | | | | 3.0kW | | | | | |
| 0.46 | 54983 | 3062 | 0.85 | | | | | | | K 107 | 4 |
| 0.5 | 50602 | 2818 | 0.93 | | | 10 | 2692 | 141.93 | 2.8 | KF 107 | 4 |
| 0.56 | 45233 | 2519 | 1.04 | | | 12 | 2268 | 119.58 | 3.3 | KA 107 | 4 |
| 0.63 | 40726 | 2268 | 1.15 | K 187R97 | 4 | | | | | KAF107 | 4 |
| 0.69 | 36883 | 2054 | 1.27 | KA 187R97 | 4 | | | | | | |
| 0.78 | 32699 | 1821 | 1.44 | | | 7.7 | 3496 | 124.61 | 1.16 | K 97 | 6 |
| 0.88 | 28820 | 1605 | 1.63 | | | 9.3 | 2911 | 103.78 | 1.39 | KF 97 | 6 |
| 1.0 | 25050 | 1395 | 1.88 | | | 9.9 | 2716 | 96.80 | 1.49 | KA 97 | 6 |
| 1.2 | 21476 | 1196 | 2.2 | | | 11 | 2427 | 86.52 | 1.67 | KAF97 | 6 |
| 0.84 | 30490 | 1698 | 0.99 | | | 8.1 | 3328 | 175.47 | 1.21 | | |
| 1.0 | 25175 | 1402 | 1.2 | | | 9.3 | 2889 | 152.31 | 1.40 | | |
| 1.1 | 23182 | 1291 | 1.3 | K 167R97 | 4 | 10 | 2660 | 140.28 | 1.52 | | |
| 1.3 | 19770 | 1101 | 1.52 | KF 167R97 | 4 | 11 | 2363 | 124.61 | 1.71 | | |
| 1.5 | 16951 | 944 | 1.77 | KA 167R97 | 4 | 14 | 1968 | 103.78 | 2.05 | K 97 | 4 |
| 1.7 | 15137 | 843 | 1.99 | KAF167R97 | 4 | 15 | 1836 | 96.80 | 2.20 | KF 97 | 4 |
| 1.9 | 13593 | 757 | 2.2 | | | 16 | 1646 | 86.52 | 2.46 | KA 97 | 4 |
| 1.2 | 22069 | 1229 | 0.77 | | | 18 | 1477 | 77.89 | 2.74 | KAF97 | 4 |
| 1.3 | 19627 | 1093 | 0.86 | | | 20 | 1338 | 70.54 | 3.02 | | |
| 1.5 | 16915 | 942 | 1.00 | K 157R97 | 4 | 23 | 1186 | 62.55 | 3.41 | | |
| 1.7 | 15335 | 854 | 1.10 | KF 157R97 | 4 | 25 | 1072 | 56.55 | 3.77 | | |
| 1.9 | 13575 | 756 | 1.25 | KA 157R97 | 4 | 9.6 | 2790 | 147.09 | 0.91 | | |
| 2.5 | 10146 | 565 | 1.67 | KAF157R97 | 4 | 11 | 2403 | 126.68 | 1.06 | | |
| 2.8 | 9032 | 503 | 1.87 | | | 12 | 2184 | 115.16 | 1.16 | | |
| 2.6 | 9625 | 536 | 1.27 | | | 14 | 1948 | 102.71 | 1.30 | | |
| 3.0 | 8494 | 473 | 1.44 | K 127R87 | 4 | 16 | 1637 | 86.34 | 1.55 | K 87 | 4 |
| 3.4 | 7506 | 418 | 1.63 | KF 127R87 | 4 | 18 | 1505 | 79.34 | 1.69 | KF 87 | 4 |
| 3.9 | 6590 | 367 | 1.85 | KA 127R87 | 4 | 20 | 1336 | 70.46 | 1.90 | KA 87 | 4 |
| 4.3 | 5926 | 330 | 2.1 | KAF127R87 | 4 | 23 | 1195 | 63.00 | 2.1 | KAF87 | 4 |
| 4.9 | 5207 | 290 | 2.3 | | | 25 | 1074 | 56.64 | 2.4 | | |
| 1.8 | 14186 | 790 | 0.86 | | | 29 | 932 | 49.16 | 2.7 | | |
| 2.1 | 12390 | 690 | 0.99 | K 127R77 | 4 | 32 | 835 | 44.02 | 2.9 | | |
| 2.4 | 10756 | 599 | 1.14 | KF 127R77 | 4 | 39 | 693 | 36.52 | 3.4 | | |
| 2.6 | 9679 | 539 | 1.26 | KA 127R77 | 4 | 16 | 1687 | 88.97 | 0.86 | | |
| 3.0 | 8404 | 468 | 1.45 | KAF127R77 | 4 | 18 | 1481 | 78.07 | 0.98 | | |
| 3.5 | 7362 | 410 | 1.66 | | | 19 | 1403 | 73.99 | 1.04 | | |
| 3.1 | 8170 | 455 | 0.92 | | | 22 | 1228 | 64.75 | 1.19 | K 77 | 4 |
| 3.5 | 7219 | 402 | 1.04 | | | 24 | 1106 | 58.34 | 1.32 | KF 77 | 4 |
| 4.0 | 6303 | 351 | 1.19 | | | 28 | 971 | 51.18 | 1.50 | KA 77 | 4 |
| 4.6 | 5513 | 307 | 1.36 | K 107R77 | 4 | 31 | 856 | 45.16 | 1.70 | KAF77 | 4 |
| 5.1 | 4974 | 277 | 1.51 | KF 107R77 | 4 | 35 | 759 | 40.04 | 1.92 | | |
| 5.8 | 4363 | 243 | 1.72 | KA 107R77 | 4 | 40 | 668 | 35.20 | 2.2 | | |
| 6.6 | 3861 | 215 | 1.95 | KAF107R77 | 4 | 46 | 586 | 30.89 | 2.5 | | |
| 7.5 | 3394 | 189 | 2.2 | | | 32 | 841 | 44.32 | 0.92 | | |
| 8.5 | 3017 | 168 | 2.5 | | | 37 | 728 | 38.39 | 1.06 | | |
| 9.5 | 2676 | 149 | 2.8 | | | 40 | 676 | 35.62 | 1.14 | | |
| 10 | 2496 | 139 | 3.0 | | | 47 | 573 | 30.22 | 1.34 | | |
| 5.5 | 4893 | 258 | 0.83 | K 97R57 | 4 | 52 | 517 | 27.28 | 1.49 | | |
| 6.1 | 4400 | 232 | 0.92 | KF 97R57 | 4 | 59 | 455 | 24.00 | 1.65 | K 67 | 4 |
| 7.1 | 3774 | 199 | 1.07 | KA 97R57 | 4 | 63 | 430 | 22.66 | 1.71 | KF 67 | 4 |
| | | | | KAF97R57 | 4 | 74 | 366 | 19.30 | 1.95 | KA 67 | 4 |
| 5.0 | 5366 | 141.46 | 1.40 | | | 81 | 333 | 17.54 | 2.1 | KAF67 | 4 |
| 5.9 | 4543 | 119.76 | 1.66 | K 107 | 8 | 93 | 288 | 15.19 | 2.3 | | |
| 6.4 | 4204 | 110.83 | 1.79 | KF 107 | 8 | 107 | 251 | 13.22 | 2.5 | | |
| 7.1 | 3768 | 99.34 | 2.0 | KA 107 | 8 | 116 | 232 | 12.24 | 2.1 | | |
| 7.9 | 3402 | 89.68 | 2.2 | KAF107 | 8 | 136 | 198 | 10.42 | 2.4 | | |
| 6.8 | 3968 | 141.46 | 1.9 | K 107 | 6 | 150 | 180 | 9.47 | 2.5 | | |
| 8.0 | 3360 | 119.76 | 2.2 | KF 107 | 6 | 47 | 574 | 30.28 | 0.98 | | |
| 8.7 | 3109 | 110.83 | 2.4 | KA 107 | 6 | 52 | 519 | 27.34 | 1.09 | K 57 | 4 |
| 9.7 | 2787 | 99.34 | 2.7 | KAF107 | 6 | 59 | 456 | 24.05 | 1.24 | KF 57 | 4 |
| | | | | | | 63 | 431 | 22.71 | 1.31 | KA 57 | 4 |
| | | | | | | 73 | 367 | 19.34 | 1.47 | KAF57 | 4 |
| | | | | | | 81 | 333 | 17.57 | 1.57 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 3.0kW | | | | | | 4.0kW | | | | | |
| 93 | 289 | 15.22 | 1.74 | | | 4.0 | 8404 | 351 | 0.89 | | |
| 107 | 251 | 13.25 | 1.9 | | | 4.6 | 7350 | 307 | 1.02 | | |
| 119 | 226 | 11.92 | 1.7 | K 57 | 4 | 5.1 | 6632 | 277 | 1.13 | K 107R77 | 4 |
| 126 | 214 | 11.26 | 1.8 | KF 57 | 4 | 5.8 | 5818 | 243 | 1.29 | KF 107R77 | 4 |
| 148 | 182 | 9.59 | 2.1 | KA 57 | 4 | 6.6 | 5148 | 215 | 1.46 | KA 107R77 | 4 |
| 163 | 165 | 8.71 | 2.2 | KAF57 | 4 | 7.5 | 4525 | 189 | 1.66 | KAF107R77 | 4 |
| 188 | 143 | 7.55 | 2.4 | | | 8.5 | 4022 | 168 | 1.68 | | |
| 216 | 125 | 6.57 | 2.6 | | | 9.5 | 3567 | 149 | 1.9 | | |
| | | | | | | 11 | 3232 | 135 | 2.1 | | |
| 73 | 371 | 19.58 | 1.01 | | | 7.1 | 5032 | 199 | 0.80 | K 97R57 | 4 |
| 84 | 320 | 16.86 | 1.12 | | | | | | | KF 97R57 | 4 |
| 90 | 301 | 15.86 | 1.19 | | | | | | | KA 97R57 | 4 |
| 104 | 259 | 13.65 | 1.31 | | | | | | | KAF97R57 | 4 |
| 116 | 231 | 12.19 | 1.42 | K 47 | 4 | | | | | | |
| 121 | 223 | 11.77 | 1.18 | KF 47 | 4 | | | | | | |
| 134 | 200 | 10.56 | 1.31 | KA 47 | 4 | 5.3 | 6825 | 134.94 | 1.8 | K 127 | 8 |
| 156 | 173 | 9.1 | 1.53 | KAF47 | 4 | 5.8 | 6202 | 122.60 | 2.0 | KF 127 | 8 |
| 166 | 162 | 8.56 | 1.56 | | | 6.4 | 5570 | 110.13 | 2.2 | KA 127 | 8 |
| 193 | 140 | 7.36 | 1.68 | | | | | | | KAF127 | 8 |
| 216 | 125 | 6.58 | 1.81 | | | | | | | | |
| 244 | 110 | 5.81 | 1.96 | | | 6.6 | 5464 | 146.07 | 2.2 | K 127 | 6 |
| | | | | | | 7.1 | 5047 | 134.94 | 2.4 | KF 127 | 6 |
| 159 | 169 | 8.91 | 0.89 | K 37 | 4 | 7.8 | 4587 | 122.60 | 2.7 | KA 127 | 6 |
| 178 | 151 | 7.96 | 0.97 | KF 37 | 4 | 8.7 | 4119 | 110.13 | 3.0 | KAF127 | 6 |
| 209 | 129 | 6.8 | 1.09 | KA 37 | 4 | | | | | | |
| 223 | 121 | 6.37 | 1.13 | KAF37 | 4 | 6.4 | 5605 | 110.83 | 1.34 | K 107 | 8 |
| 265 | 102 | 5.36 | 1.29 | | | 7.1 | 5024 | 99.34 | 1.50 | KF 107 | 8 |
| 4.0kW | | | | | | 7.9 | 4536 | 89.68 | 1.66 | KA 107 | 8 |
| 1.7 | 19697 | 825 | 2.4 | K 187R107 | 4 | 8.7 | 4120 | 81.46 | 1.83 | KAF107 | 8 |
| 2.8 | 12272 | 514 | 3.8 | KA 187R107 | 4 | | | | | | |
| 0.57 | 59473 | 2510 | 0.79 | | | 6.8 | 5309 | 141.93 | 1.42 | K 107 | 6 |
| 0.63 | 53547 | 2268 | 0.88 | | | 8.0 | 4473 | 119.58 | 1.68 | KF 107 | 6 |
| 0.70 | 48494 | 2054 | 0.97 | | | 8.7 | 4146 | 110.83 | 1.81 | KA 107 | 6 |
| 0.79 | 42993 | 1821 | 1.09 | K 187R97 | 4 | 9.7 | 3716 | 99.34 | 2.0 | KAF107 | 6 |
| 0.90 | 37894 | 1605 | 1.24 | KA 187R97 | 4 | 11 | 3354 | 89.68 | 2.2 | | |
| 1.0 | 32936 | 1395 | 1.43 | | | | | | | | |
| 1.2 | 28237 | 1196 | 1.66 | | | 10 | 3527 | 141.46 | 2.1 | | |
| 1.4 | 24696 | 1046 | 1.90 | | | 12 | 2986 | 119.76 | 2.5 | | |
| 1.5 | 22240 | 942 | 2.1 | | | 13 | 2764 | 110.83 | 2.7 | K 107 | 4 |
| | | | | | | 14 | 2477 | 99.34 | 3.0 | KF 107 | 4 |
| 1.0 | 33101 | 1402 | 0.91 | | | 16 | 2236 | 89.68 | 3.4 | KA 107 | 4 |
| 1.1 | 30480 | 1291 | 0.99 | | | 18 | 2031 | 81.46 | 3.7 | KAF107 | 4 |
| 1.3 | 25994 | 1101 | 1.16 | K 167R97 | 4 | 20 | 1802 | 72.27 | 4.2 | | |
| 1.5 | 22288 | 944 | 1.35 | KA 167R97 | 4 | | | | | | |
| 1.7 | 19903 | 843 | 1.51 | | | 10 | 3498 | 140.28 | 1.16 | | |
| 1.9 | 17873 | 757 | 1.68 | | | 12 | 3107 | 124.61 | 1.30 | K 97 | 4 |
| 2.3 | 14874 | 630 | 2.0 | | | 14 | 2588 | 103.78 | 1.56 | KF 97 | 4 |
| | | | | | | 15 | 2414 | 96.80 | 1.67 | KA 97 | 4 |
| 1.7 | 20163 | 854 | 0.84 | K 157R97 | 4 | 17 | 2157 | 86.52 | 1.87 | KAF97 | 4 |
| 1.9 | 17849 | 756 | 0.95 | KF 157R97 | 4 | 18 | 1942 | 77.89 | 2.1 | | |
| 2.5 | 13339 | 565 | 1.27 | KA 157R97 | 4 | 20 | 1759 | 70.54 | 2.3 | | |
| 2.9 | 11876 | 503 | 1.42 | | | | | | | | |
| 3.3 | 10223 | 433 | 1.66 | KAF157R97 | 4 | 13 | 2872 | 115.16 | 0.88 | | |
| | | | | | | 14 | 2561 | 102.71 | 0.99 | | |
| 2.7 | 12655 | 536 | 0.97 | | | 17 | 2153 | 86.34 | 1.18 | | |
| 3.0 | 11167 | 473 | 1.09 | K 127R87 | 4 | 18 | 1978 | 79.34 | 1.28 | K 87 | 4 |
| 3.4 | 9869 | 418 | 1.24 | KF 127R87 | 4 | 20 | 1757 | 70.46 | 1.44 | KF 87 | 4 |
| 3.9 | 8665 | 367 | 1.41 | KA 127R87 | 4 | 23 | 1571 | 63.00 | 1.62 | KA 87 | 4 |
| 4.3 | 7901 | 330 | 1.55 | KAF127R87 | 4 | 25 | 1412 | 56.64 | 1.80 | KAF87 | 4 |
| 4.9 | 6943 | 290 | 1.76 | | | 29 | 1226 | 49.16 | 2.1 | | |
| 5.6 | 6057 | 253 | 2.0 | | | 33 | 1098 | 44.02 | 2.3 | | |
| | | | | | | 39 | 911 | 36.52 | 2.8 | | |
| 2.4 | 14341 | 599 | 0.85 | K 127R77 | 4 | | | | | | |
| 2.6 | 12905 | 539 | 0.95 | KF 127R77 | 4 | | | | | | |
| 3.0 | 11205 | 468 | 1.09 | KA 127R77 | 4 | | | | | | |
| 3.5 | 9816 | 410 | 1.24 | KAF127R77 | 4 | | | | | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 4.0kW | | | | | | 5.5kW | | | | | |
| 22 | 1615 | 64.75 | 0.90 | | | 3.4 | 13570 | 418 | 0.90 | | |
| 25 | 1455 | 58.34 | 1.00 | | | 3.9 | 11914 | 367 | 1.03 | | |
| 28 | 1276 | 51.18 | 1.14 | | | 4.4 | 10713 | 330 | 1.14 | K 127R87 | 4 |
| 32 | 1126 | 45.16 | 1.29 | K 77 | 4 | 5.0 | 9414 | 290 | 1.30 | KF 127R87 | 4 |
| 36 | 998 | 40.04 | 1.46 | KF 77 | 4 | 5.7 | 8213 | 253 | 1.49 | KA 127R87 | 4 |
| 38 | 957 | 38.39 | 1.52 | KA 77 | 4 | 6.7 | 6980 | 215 | 1.75 | KAF127R87 | 4 |
| 41 | 878 | 35.20 | 1.66 | KAF77 | 4 | 7.1 | 6590 | 203 | 1.71 | | |
| 47 | 770 | 30.89 | 1.89 | | | 8.6 | 5454 | 168 | 2.1 | | |
| 49 | 730 | 29.27 | 2.0 | | | 9.7 | 4805 | 148 | 2.3 | | |
| 56 | 639 | 25.62 | 2.3 | | | 6.7 | 6980 | 215 | 1.08 | | |
| 62 | 576 | 23.08 | 2.5 | | | 7.6 | 6136 | 189 | 1.23 | K 107R77 | 4 |
| 71 | 505 | 20.25 | 2.9 | | | 8.6 | 5454 | 168 | 1.38 | KF 107R77 | 4 |
| 48 | 754 | 30.22 | 1.02 | | | 9.7 | 4837 | 149 | 1.55 | KA 107R77 | 4 |
| 53 | 680 | 27.28 | 1.13 | | | 11 | 4383 | 135 | 1.72 | KAF107R77 | 4 |
| 60 | 598 | 24.00 | 1.26 | | | 4.8 | 10288 | 150.03 | 1.64 | K 157 | 8 |
| 64 | 565 | 22.66 | 1.30 | | | 5.9 | 8423 | 122.83 | 2.0 | KF 157 | 8 |
| 75 | 481 | 19.30 | 1.48 | K 67 | 4 | 7.2 | 6833 | 99.65 | 2.5 | KA 157 | 8 |
| 82 | 437 | 17.54 | 1.59 | KF 67 | 4 | 7.8 | 6338 | 92.42 | 2.7 | KAF157 | 8 |
| 95 | 379 | 15.19 | 1.74 | KA 67 | 4 | 5.3 | 9253 | 134.94 | 1.3 | K 127 | 8 |
| 109 | 330 | 13.22 | 1.91 | KAF67 | 4 | 5.9 | 8399 | 122.60 | 1.5 | KF 127 | 8 |
| 118 | 305 | 12.24 | 1.63 | | | 6.5 | 7556 | 110.13 | 1.6 | KA 127 | 8 |
| 138 | 260 | 10.42 | 1.81 | | | 8.1 | 6143 | 89.43 | 2.0 | KAF127 | 8 |
| 152 | 236 | 9.47 | 1.91 | | | 7.1 | 6940 | 134.94 | 1.76 | K 127 | 6 |
| 176 | 204 | 8.20 | 2.02 | | | 7.8 | 6299 | 122.60 | 1.94 | KF 127 | 6 |
| 202 | 178 | 7.14 | 2.2 | | | 8.7 | 5667 | 110.13 | 2.2 | KA 127 | 6 |
| 60 | 600 | 24.05 | 0.94 | | | 11 | 4599 | 89.43 | 2.7 | KAF127 | 6 |
| 63 | 566 | 22.71 | 1.00 | | | 8.7 | 5700 | 110.83 | 1.32 | K 107 | 6 |
| 74 | 482 | 19.34 | 1.12 | | | 9.7 | 5109 | 99.34 | 1.47 | KF 107 | 6 |
| 82 | 438 | 17.57 | 1.19 | K 57 | 4 | 11 | 4612 | 89.68 | 1.63 | KA 107 | 6 |
| 95 | 380 | 15.22 | 1.33 | KF 57 | 4 | 12 | 4190 | 81.46 | 1.79 | KAF107 | 6 |
| 109 | 330 | 13.25 | 1.45 | KA 57 | 4 | 10 | 4866 | 141.93 | 1.55 | | |
| 121 | 297 | 11.92 | 1.31 | KAF57 | 4 | 12 | 4100 | 119.58 | 1.83 | K 107 | 4 |
| 128 | 281 | 11.26 | 1.39 | | | 13 | 3800 | 110.83 | 1.98 | KF 107 | 4 |
| 150 | 239 | 9.59 | 1.59 | | | 14 | 3406 | 99.34 | 2.2 | KA 107 | 4 |
| 165 | 217 | 8.71 | 1.69 | | | 16 | 3075 | 89.68 | 2.4 | KAF107 | 4 |
| 191 | 188 | 7.55 | 1.82 | | | 18 | 2793 | 81.46 | 2.7 | | |
| 219 | 164 | 6.57 | 1.98 | | | 12 | 4273 | 124.61 | 0.95 | | |
| 5.5kW | | | | | | 14 | 3558 | 103.78 | 1.1 | | |
| 0.79 | 59116 | 1821 | 0.80 | | | 15 | 3319 | 96.80 | 1.2 | K 97 | 4 |
| 0.90 | 52104 | 1605 | 0.90 | | | 17 | 2967 | 86.52 | 1.35 | KF 97 | 4 |
| 1.0 | 45286 | 1395 | 1.04 | K 187R97 | 4 | 18 | 2671 | 77.89 | 1.5 | KA 97 | 4 |
| 1.2 | 38826 | 1196 | 1.21 | KA 187R97 | 4 | 20 | 2419 | 70.54 | 1.65 | KAF97 | 4 |
| 1.4 | 33957 | 1046 | 1.38 | | | 23 | 2145 | 62.55 | 1.85 | | |
| 1.5 | 30580 | 942 | 1.54 | | | 25 | 1939 | 56.55 | 2.1 | | |
| 2.0 | 23926 | 737 | 2.0 | | | 30 | 1643 | 47.93 | 2.4 | | |
| 2.3 | 20095 | 619 | 2.3 | | | 17 | 2960 | 86.34 | 0.85 | | |
| 1.31 | 35742 | 1101 | 0.84 | | | 18 | 2720 | 79.34 | 0.95 | | |
| 1.5 | 30645 | 944 | 0.98 | | | 20 | 2416 | 70.46 | 1.05 | | |
| 1.7 | 27367 | 843 | 1.10 | | | 23 | 2160 | 63.00 | 1.15 | K 87 | 4 |
| 1.9 | 24575 | 757 | 1.22 | K 167R97 | 4 | 25 | 1942 | 56.64 | 1.3 | KF 87 | 4 |
| 2.3 | 20452 | 630 | 1.47 | KA 167R97 | 4 | 29 | 1686 | 49.16 | 1.5 | KA 87 | 4 |
| 2.6 | 18212 | 561 | 1.65 | | | 33 | 1509 | 44.02 | 1.6 | KAF87 | 4 |
| 3.0 | 15550 | 479 | 1.93 | | | 39 | 1252 | 36.52 | 1.85 | | |
| 3.4 | 13700 | 422 | 2.2 | | | 46 | 1076 | 31.39 | 2.3 | | |
| 2.2 | 21458 | 661 | 0.79 | | | 52 | 956 | 27.88 | 2.5 | | |
| 2.5 | 18342 | 565 | 0.92 | K 157R97 | 4 | 32 | 1548 | 45.16 | 0.94 | K 77 | 4 |
| 2.9 | 16329 | 503 | 1.04 | KF 157R97 | 4 | 36 | 1373 | 40.04 | 1.06 | KF 77 | 4 |
| 3.3 | 14057 | 433 | 1.20 | KA 157R97 | 4 | 47 | 1059 | 30.89 | 1.38 | KA 77 | 4 |
| 3.8 | 12271 | 378 | 1.38 | KAF157R97 | 4 | 49 | 1004 | 29.27 | 1.45 | KAF77 | 4 |
| 4.3 | 10778 | 332 | 1.57 | | | 56 | 878 | 25.62 | 1.66 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 5.5kW | | | | | | 7.5kW | | | | | |
| 62 | 791 | 23.08 | 1.84 | | | 6.4 | 10522 | 150.03 | 1.6 | | |
| 71 | 694 | 20.25 | 2.0 | | | 7.8 | 8614 | 122.83 | 2.0 | K 157 | 6 |
| 81 | 613 | 17.87 | 2.2 | K 77 | 4 | 9.6 | 6989 | 99.65 | 2.4 | KF 157 | 6 |
| 91 | 543 | 15.84 | 2.4 | KF 77 | 4 | 10 | 6482 | 92.42 | 2.6 | KA 157 | 6 |
| 107 | 464 | 13.52 | 2.5 | KA 77 | 4 | 12 | 5593 | 79.75 | 3.0 | KAF157 | 6 |
| 117 | 424 | 12.36 | 2.6 | KAF77 | 4 | 7.1 | 9464 | 134.94 | 1.29 | K 127 | 6 |
| 133 | 371 | 10.81 | 2.7 | | | 7.8 | 8590 | 122.48 | 1.42 | KF 127 | 6 |
| 60 | 823 | 24.00 | 0.91 | | | 8.7 | 7727 | 110.18 | 1.58 | KA 127 | 6 |
| 64 | 777 | 22.66 | 0.94 | | | 11 | 6272 | 89.43 | 1.95 | KAF127 | 6 |
| 75 | 662 | 19.30 | 1.08 | | | 10 | 6736 | 146.07 | 1.81 | | |
| 82 | 601 | 17.54 | 1.16 | | | 11 | 6223 | 134.94 | 1.96 | K 127 | 4 |
| 95 | 521 | 15.19 | 1.26 | K 67 | 4 | 12 | 5648 | 122.60 | 2.2 | KF 127 | 4 |
| 109 | 453 | 13.22 | 1.39 | KF 67 | 4 | 13 | 5081 | 110.13 | 2.4 | KA 127 | 4 |
| 118 | 420 | 12.24 | 1.39 | KA 67 | 4 | 16 | 4124 | 89.43 | 3.0 | KAF127 | 4 |
| 138 | 357 | 10.42 | 1.32 | KAF67 | 4 | 18 | 3805 | 82.52 | 3.2 | | |
| 152 | 325 | 9.47 | 1.39 | | | 21 | 3272 | 70.95 | 3.7 | | |
| 176 | 281 | 8.20 | 1.47 | | | 10 | 6545 | 141.93 | 1.15 | | |
| 202 | 245 | 7.14 | 1.61 | | | 12 | 5514 | 119.58 | 1.36 | | |
| 82 | 602 | 17.57 | 0.87 | | | 13 | 5111 | 110.83 | 1.47 | | |
| 95 | 522 | 15.22 | 0.96 | | | 15 | 4581 | 99.34 | 1.64 | | |
| 109 | 454 | 13.25 | 0.97 | K 57 | 4 | 16 | 4136 | 89.68 | 1.82 | K 107 | 4 |
| 121 | 409 | 11.92 | 1.01 | KF 57 | 4 | 18 | 3757 | 81.46 | 2.00 | KF 107 | 4 |
| 128 | 386 | 11.26 | 1.06 | KA 57 | 4 | 20 | 3333 | 72.27 | 2.3 | KA 107 | 4 |
| 150 | 329 | 9.59 | 1.16 | KAF57 | 4 | 22 | 3024 | 65.58 | 2.5 | KAF107 | 4 |
| 165 | 299 | 8.71 | 1.23 | | | 26 | 2599 | 56.37 | 2.9 | | |
| 191 | 259 | 7.55 | 1.33 | | | 30 | 2269 | 49.20 | 3.2 | | |
| 219 | 225 | 6.57 | 1.44 | | | 35 | 1925 | 41.74 | 3.6 | | |
| 7.5kW | | | | | | 7.5kW | | | | | |
| 1.8 | 36021 | 825 | 1.30 | K 187R107 | 4 | 40 | 1682 | 36.48 | 4.0 | | |
| 2.0 | 31437 | 720 | 1.50 | KA 187R107 | 4 | 15 | 4464 | 96.80 | 0.91 | | |
| 2.4 | 26808 | 614 | 1.75 | | | 17 | 3990 | 86.52 | 1.01 | | |
| 1.2 | 52220 | 1196 | 0.90 | | | 19 | 3592 | 77.89 | 1.13 | | |
| 1.4 | 45670 | 1046 | 1.03 | | | 21 | 3253 | 70.54 | 1.24 | K 97 | 4 |
| 1.5 | 41129 | 942 | 1.14 | K 187R97 | 4 | 23 | 2884 | 62.55 | 1.40 | KF 97 | 4 |
| 2.0 | 32179 | 737 | 1.46 | KA 187R97 | 4 | 26 | 2608 | 56.55 | 1.55 | KA 97 | 4 |
| 2.4 | 27027 | 619 | 1.74 | | | 30 | 2210 | 47.93 | 1.83 | KAF97 | 4 |
| 2.8 | 22879 | 524 | 2.1 | | | 35 | 1931 | 41.87 | 2.1 | | |
| 1.7 | 36807 | 843 | 0.82 | | | 38 | 1766 | 38.30 | 2.3 | | |
| 1.9 | 33052 | 757 | 0.91 | K 167R97 | 4 | 43 | 1579 | 34.23 | 2.6 | | |
| 2.3 | 27507 | 630 | 1.09 | KF 167R97 | 4 | 23 | 2905 | 63.00 | 0.87 | | |
| 2.6 | 24494 | 561 | 1.23 | KA 167R97 | 4 | 26 | 2612 | 56.64 | 0.97 | | |
| 3.0 | 20914 | 479 | 1.44 | KAF167R97 | 4 | 30 | 2267 | 49.16 | 1.12 | | |
| 3.5 | 18425 | 422 | 1.63 | | | 33 | 2030 | 44.02 | 1.20 | | |
| 4.0 | 16024 | 367 | 1.88 | | | 40 | 1684 | 36.52 | 1.40 | | |
| 3.4 | 18906 | 433 | 0.89 | K 157R97 | 4 | 47 | 1448 | 31.39 | 1.75 | K 87 | 4 |
| 3.9 | 16504 | 378 | 1.03 | KF 157R97 | 4 | 52 | 1286 | 27.88 | 1.90 | KF 87 | 4 |
| 4.4 | 14496 | 332 | 1.17 | KA 157R97 | 4 | 59 | 1149 | 24.92 | 2.0 | KA 87 | 4 |
| 5.0 | 12662 | 290 | 1.34 | KAF157R97 | 4 | 65 | 1033 | 22.41 | 2.1 | KAF87 | 4 |
| 4.4 | 14408 | 330 | 0.85 | | | 75 | 897 | 19.45 | 2.4 | | |
| 5.0 | 12662 | 290 | 0.97 | K 127R87 | 4 | 84 | 803 | 17.42 | 2.6 | | |
| 5.8 | 11046 | 253 | 1.11 | KF 127R87 | 4 | 92 | 736 | 15.95 | 2.3 | | |
| 6.8 | 9387 | 215 | 1.30 | KA 127R87 | 4 | 101 | 666 | 14.45 | 3.0 | | |
| 7.2 | 8863 | 203 | 1.38 | KAF127R87 | 4 | 47 | 1424 | 30.89 | 1.02 | | |
| 8.7 | 7335 | 168 | 1.67 | | | 50 | 1350 | 29.27 | 1.08 | | |
| 9.9 | 6462 | 148 | 1.89 | | | 57 | 1181 | 25.62 | 1.23 | | |
| 4.4 | 15382 | 164.44 | 2.0 | K 167 | 8 | 63 | 1064 | 23.08 | 1.37 | | |
| 5.3 | 12623 | 135.38 | 2.4 | KA 167 | 8 | 72 | 934 | 20.25 | 1.56 | K 77 | 4 |
| 5.8 | 11537 | 164.44 | 2.61 | K 167 | 6 | 82 | 824 | 17.87 | 1.65 | KF 77 | 4 |
| 7.1 | 9467 | 135.38 | 3.18 | KA 167 | 6 | 92 | 730 | 15.84 | 1.80 | KA 77 | 4 |
| | | | | | | 108 | 623 | 13.52 | 1.82 | KAF77 | 4 |
| | | | | | | 118 | 570 | 12.36 | 1.89 | | |
| | | | | | | 135 | 499 | 10.81 | 1.95 | | |
| | | | | | | 153 | 440 | 9.54 | 2.0 | | |
| | | | | | | 173 | 390 | 8.46 | 2.1 | | |
| | | | | | | 202 | 333 | 7.22 | 2.3 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 11kW | | | | | | 11kW | | | | | |
| 1.8 | 52831 | 825 | 0.89 | | | 20 | 4888 | 72.27 | 1.54 | | |
| 2.0 | 46107 | 720 | 1.02 | K 187R107 | 4 | 22 | 4435 | 65.58 | 1.70 | K 107 | 4 |
| 2.4 | 39319 | 614 | 1.20 | KA 187R107 | 4 | 26 | 3813 | 56.37 | 1.97 | KF 107 | 4 |
| 2.8 | 32915 | 514 | 1.43 | | | 30 | 3328 | 49.2 | 2.2 | KA 107 | 4 |
| 3.3 | 28753 | 449 | 1.63 | | | 35 | 2823 | 41.74 | 2.5 | KAF107 | 4 |
| 4.0 | 23374 | 365 | 2.0 | | | 40 | 2467 | 36.48 | 2.7 | | |
| 2.0 | 47196 | 737 | 1.00 | K 187R97 | 4 | 21 | 4771 | 70.54 | 0.85 | | |
| 2.4 | 39639 | 619 | 1.19 | KA 187R97 | 4 | 23 | 4231 | 62.55 | 0.96 | | |
| 2.8 | 33556 | 524 | 1.40 | | | 26 | 3825 | 56.55 | 1.06 | K 97 | 4 |
| 4.7 | 20044 | 313 | 1.50 | | | 30 | 3242 | 47.93 | 1.25 | KF 97 | 4 |
| 5.3 | 17482 | 273 | 1.72 | K 167R107 | 4 | 35 | 2832 | 41.87 | 1.43 | KA 97 | 4 |
| 5.8 | 16009 | 250 | 1.88 | KA 167R107 | 4 | 38 | 2590 | 38.3 | 1.56 | KAF97 | 4 |
| 6.7 | 13960 | 218 | 2.2 | | | 43 | 2315 | 34.23 | 1.75 | | |
| 7.2 | 13000 | 203 | 2.3 | | | 47 | 2085 | 30.82 | 1.94 | | |
| 2.6 | 35925 | 561 | 0.84 | | | 52 | 1888 | 27.91 | 2.1 | | |
| 3.0 | 30674 | 479 | 0.98 | K 167R97 | 4 | 59 | 1674 | 24.75 | 2.4 | | |
| 3.5 | 27024 | 422 | 1.11 | KA 167R97 | 4 | 65 | 1513 | 22.37 | 2.7 | | |
| 4.0 | 23502 | 367 | 1.28 | | | 33 | 2977 | 44.02 | 0.82 | | |
| 4.4 | 21260 | 332 | 0.80 | K 157R97 | 4 | 40 | 2470 | 36.52 | 0.95 | | |
| 5.0 | 18571 | 290 | 0.91 | KF 157R97 | 4 | 47 | 2123 | 31.39 | 1.20 | | |
| | | | | KA 157R97 | 4 | 52 | 1886 | 27.88 | 1.30 | | |
| | | | | KAF157R97 | 4 | 59 | 1685 | 24.92 | 1.39 | | |
| 6.8 | 13768 | 215 | 0.89 | K 127R87 | 4 | 65 | 1516 | 22.41 | 1.43 | K 87 | 4 |
| 7.2 | 13000 | 203 | 0.94 | KF 127R87 | 4 | 75 | 1315 | 19.45 | 1.64 | KF 87 | 4 |
| 8.7 | 10758 | 168 | 1.14 | KA 127R87 | 4 | 84 | 1178 | 17.42 | 1.76 | KA 87 | 4 |
| 9.9 | 9478 | 148 | 1.29 | KAF127R87 | 4 | 92 | 1079 | 15.95 | 1.57 | KAF87 | 4 |
| 5.4 | 18313 | 135.38 | 1.64 | K 167 | 8 | 101 | 977 | 14.45 | 1.9 | | |
| 6.6 | 14932 | 110.38 | 2.0 | KA 167 | 8 | 116 | 849 | 12.56 | 2.0 | | |
| 5.9 | 16740 | 164.44 | 1.80 | K 167 | 6 | 131 | 753 | 11.13 | 2.1 | | |
| 7.2 | 13782 | 135.38 | 2.2 | KA 167 | 6 | 147 | 674 | 9.96 | 2.2 | | |
| 8.9 | 11122 | 164.44 | 2.7 | K 167 | 4 | 177 | 559 | 8.27 | 2.4 | | |
| 11 | 9158 | 135.38 | 3.3 | KA 167 | 4 | 203 | 486 | 7.19 | 2.5 | | |
| 5.9 | 16615 | 122.83 | 1.02 | K 157 | 8 | 63 | 1561 | 23.08 | 0.93 | | |
| 7.3 | 13480 | 99.65 | 1.26 | KF 157 | 8 | 72 | 1370 | 20.25 | 1.03 | | |
| 7.9 | 12502 | 92.42 | 1.35 | KA 157 | 8 | 82 | 1209 | 17.87 | 1.13 | | |
| 9.1 | 10788 | 79.75 | 1.57 | KAF157 | 8 | 92 | 1071 | 15.84 | 1.23 | K 77 | 4 |
| 6.5 | 15273 | 150.03 | 1.11 | K 157 | 6 | 108 | 914 | 13.52 | 1.38 | KF 77 | 4 |
| 7.9 | 12504 | 122.83 | 1.35 | KF 157 | 6 | 118 | 836 | 12.36 | 1.12 | KA 77 | 4 |
| 9.7 | 10144 | 99.65 | 1.67 | KA 157 | 6 | 135 | 731 | 10.81 | 1.27 | KAF77 | 4 |
| 10 | 9408 | 92.42 | 1.80 | KAF157 | 6 | 153 | 645 | 9.54 | 1.37 | | |
| 12 | 8119 | 79.75 | 2.1 | | | 173 | 572 | 8.46 | 1.46 | | |
| 9.7 | 10147 | 150.03 | 1.67 | K 157 | 4 | 202 | 488 | 7.22 | 1.57 | | |
| 12 | 8308 | 122.83 | 2.0 | KF 157 | 4 | 15kW | | | | | |
| 15 | 6740 | 99.65 | 2.5 | KA 157 | 4 | 2.4 | 53617 | 614 | 0.88 | | |
| 16 | 6251 | 92.42 | 2.7 | KAF157 | 4 | 2.8 | 44884 | 514 | 1.05 | K 187R107 | 4 |
| 11 | 9127 | 134.94 | 1.34 | | | 3.3 | 39208 | 449 | 1.20 | KA 187R107 | 4 |
| 12 | 8295 | 122.60 | 1.47 | K 127 | 4 | 4.0 | 31873 | 365 | 1.47 | | |
| 13 | 7449 | 110.13 | 1.64 | KF 127 | 4 | 5.4 | 23403 | 268 | 2.0 | | |
| 16 | 6049 | 89.43 | 2.0 | KA 127 | 4 | 4.7 | 27332 | 313 | 1.10 | | |
| 18 | 5581 | 82.52 | 2.2 | KAF127 | 4 | 5.3 | 23839 | 273 | 1.26 | | |
| 21 | 4799 | 70.95 | 2.5 | | | 5.8 | 21831 | 250 | 1.38 | | |
| 13 | 7496 | 110.83 | 1.00 | K 107 | 4 | 6.7 | 19037 | 218 | 1.58 | K 167R107 | 4 |
| 15 | 6719 | 99.34 | 1.12 | KF 107 | 4 | 7.2 | 17727 | 203 | 1.70 | KA 167R107 | 4 |
| 16 | 6066 | 89.68 | 1.24 | KA 107 | 4 | 7.9 | 16155 | 185 | 1.86 | | |
| 18 | 5510 | 81.46 | 1.36 | KAF107 | 4 | 9.0 | 14234 | 163 | 2.1 | | |
| | | | | | | 6.2 | 20696 | 237 | 0.82 | | |
| | | | | | | 7.0 | 18338 | 210 | 0.92 | K 157R107 | 4 |
| | | | | | | 7.9 | 16068 | 184 | 1.05 | KF 157R107 | 4 |
| | | | | | | 9.4 | 13535 | 155 | 1.25 | KA 157R107 | 4 |
| | | | | | | 12 | 11003 | 126 | 1.54 | KAF157R107 | 4 |
| | | | | | | 13 | 9606 | 110 | 1.76 | | |



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机 型 号 Type Type | 极 数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机 型 号 Type Type | 极 数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|-----------------------|------------------|-------------------------------|-----------------------------|-------------------|--|-----------------------|------------------|
| 15kW | | | | | | 18.5kW | | | | | |
| 5.4 | 25096 | 180.78 | 1.87 | K 187 | 6 | 2.9 | 54981 | 514 | 0.85 | | |
| 6.0 | 22285 | 160.53 | 2.1 | KA 187 | 6 | 3.3 | 48028 | 449 | 0.98 | K 187R107 | 4 |
| 7.2 | 18793 | 135.38 | 1.60 | K 167 | 6 | 4.0 | 39043 | 365 | 1.20 | KA 187R107 | 4 |
| 8.8 | 15324 | 110.39 | 1.96 | KA 167 | 6 | 5.5 | 28667 | 268 | 1.64 | | |
| 8.9 | 15166 | 164.44 | 1.12 | K 167 | 4 | 6.5 | 24281 | 227 | 1.9 | | |
| 11 | 12486 | 135.38 | 1.36 | KA 167 | 4 | 4.7 | 33481 | 313 | 0.90 | | |
| 7.9 | 16990 | 122.39 | 1.00 | K 157 | 6 | 5.4 | 29202 | 273 | 1.03 | | |
| 9.7 | 13833 | 99.65 | 1.22 | KF 157 | 6 | 5.9 | 26742 | 250 | 1.12 | K 167R107 | 4 |
| 10 | 12830 | 92.42 | 1.32 | KA 157 | 6 | 6.7 | 23319 | 218 | 1.29 | KA 167R107 | 4 |
| 12 | 11071 | 79.75 | 1.53 | KAF157 | 6 | 7.2 | 21714 | 203 | 1.39 | | |
| 14 | 9770 | 70.35 | 1.73 | | | 7.9 | 19789 | 185 | 1.52 | | |
| 9.7 | 13837 | 150.03 | 1.22 | K 157 | 4 | 9.0 | 17436 | 163 | 1.73 | | |
| 12 | 11329 | 122.83 | 1.49 | KF 157 | 4 | 11 | 14868 | 139 | 2.0 | | |
| 15 | 9191 | 99.65 | 1.84 | KA 157 | 4 | 12 | 12943 | 121 | 2.3 | | |
| 16 | 8524 | 92.42 | 2.0 | KAF157 | 4 | 8.0 | 19682 | 184 | 0.86 | K 157R107 | 4 |
| 18 | 7355 | 79.75 | 2.3 | | | 9.5 | 16580 | 155 | 1.02 | KF 157R107 | 4 |
| 11 | 12445 | 134.94 | 0.97 | | | 12 | 13478 | 126 | 1.26 | KA 157R107 | 4 |
| 12 | 11307 | 122.60 | 1.08 | | | 13 | 11766 | 110 | 1.44 | KAF157R107 | 4 |
| 13 | 10157 | 110.13 | 1.20 | K 127 | 4 | 5.4 | 30951 | 180.78 | 1.52 | | |
| 16 | 8248 | 89.43 | 1.48 | KF 127 | 4 | 6.0 | 27484 | 160.53 | 1.71 | K 187 | 6 |
| 18 | 7611 | 82.52 | 1.61 | KA 127 | 4 | 6.7 | 24745 | 144.53 | 1.9 | KA 187 | 6 |
| 21 | 6544 | 70.95 | 1.87 | KAF127 | 4 | 7.4 | 22317 | 130.35 | 2.1 | | |
| 23 | 5774 | 62.60 | 2.1 | | | 8.1 | 20424 | 180.78 | 2.3 | | |
| 27 | 4987 | 54.07 | 2.5 | | | 9.2 | 18136 | 160.53 | 2.6 | K 187 | 4 |
| 31 | 4410 | 47.82 | 2.8 | | | 10 | 16328 | 144.53 | 2.9 | KA 187 | 4 |
| 16 | 8271 | 89.68 | 0.91 | | | 11 | 14726 | 130.35 | 3.2 | | |
| 18 | 7513 | 81.46 | 1.00 | | | 11 | 15195 | 134.5 | 1.98 | K 167 | 4 |
| 20 | 6665 | 72.27 | 1.13 | | | 13 | 12471 | 110.39 | 2.4 | KA 167 | 4 |
| 22 | 6048 | 65.58 | 1.24 | | | 17 | 9851 | 87.20 | 3.1 | | |
| 26 | 5199 | 56.37 | 1.45 | K 107 | 4 | 10 | 17061 | 99.65 | 0.99 | K 157 | 6 |
| 30 | 4538 | 49.2 | 1.62 | KF 107 | 4 | 11 | 15823 | 92.42 | 1.08 | KF 157 | 6 |
| 35 | 3850 | 41.74 | 1.80 | KA 107 | 4 | 12 | 13654 | 79.75 | 1.24 | KA 157 | 6 |
| 40 | 3365 | 36.48 | 2.0 | KAF107 | 4 | 14 | 12050 | 70.38 | 1.4 | KAF157 | 6 |
| 45 | 2972 | 32.22 | 2.2 | | | 12 | 13827 | 122.39 | 1.22 | | |
| 47 | 2844 | 30.84 | 2.3 | | | 15 | 11258 | 99.65 | 1.50 | | |
| 51 | 2637 | 28.59 | 2.6 | | | 16 | 10441 | 92.42 | 1.62 | K 157 | 4 |
| 30 | 4421 | 47.93 | 0.91 | | | 18 | 9010 | 79.75 | 1.88 | KF 157 | 4 |
| 35 | 3862 | 41.87 | 1.05 | | | 21 | 7951 | 70.38 | 2.1 | KA 157 | 4 |
| 38 | 3532 | 38.3 | 1.14 | K 97 | 4 | 24 | 6894 | 61.02 | 2.5 | KAF157 | 4 |
| 43 | 3157 | 34.23 | 1.28 | KF 97 | 4 | 27 | 6133 | 54.29 | 2.8 | | |
| 47 | 2843 | 30.82 | 1.42 | KA 97 | 4 | 31 | 5286 | 46.79 | 3.2 | | |
| 52 | 2574 | 27.91 | 1.57 | KAF97 | 4 | 39 | 4295 | 38.02 | 3.9 | | |
| 59 | 2283 | 24.75 | 1.77 | | | 13 | 12442 | 110.13 | 0.98 | | |
| 65 | 2063 | 22.37 | 1.96 | | | 16 | 10103 | 89.43 | 1.21 | | |
| 77 | 1749 | 18.96 | 2.3 | | | 18 | 9323 | 82.52 | 1.31 | | |
| 88 | 1527 | 16.56 | 2.6 | | | 21 | 8016 | 70.95 | 1.52 | K 127 | 4 |
| 47 | 2895 | 31.39 | 0.88 | | | 23 | 7072 | 62.60 | 1.73 | KF 127 | 4 |
| 52 | 2571 | 27.88 | 0.99 | | | 27 | 6109 | 54.07 | 2.0 | KA 127 | 4 |
| 59 | 2298 | 24.92 | 1.10 | | | 31 | 5403 | 47.82 | 2.3 | KAF127 | 4 |
| 65 | 2067 | 22.41 | 1.23 | | | 37 | 4540 | 40.19 | 2.7 | | |
| 75 | 1794 | 19.45 | 1.37 | K 87 | 4 | 41 | 4121 | 36.48 | 3.0 | | |
| 84 | 1607 | 17.42 | 1.41 | KF 87 | 4 | 47 | 3544 | 31.36 | 3.4 | | |
| 92 | 1471 | 15.95 | 1.48 | KA 87 | 4 | 53 | 3127 | 27.67 | 3.9 | | |
| 101 | 1333 | 14.45 | 1.5 | KAF87 | 4 | 20 | 8165 | 72.27 | 0.92 | | |
| 116 | 1158 | 12.56 | 1.53 | | | 22 | 7409 | 65.58 | 1.01 | K 107 | 4 |
| 131 | 1027 | 11.13 | 1.58 | | | 26 | 6368 | 56.37 | 1.18 | KF 107 | 4 |
| 147 | 919 | 9.96 | 1.73 | | | 30 | 5558 | 49.2 | 1.35 | KA 107 | 4 |
| 177 | 763 | 8.27 | 1.84 | | | 35 | 4716 | 41.74 | 1.47 | KAF107 | 4 |
| 203 | 663 | 7.19 | 2.2 | | | 40 | 4121 | 36.48 | 1.64 | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 18.5kW | | | | | | 22kW | | | | | |
| 46 | 3640 | 32.22 | 1.86 | | | 9.7 | 20289 | 99.65 | 0.83 | K 157 | 6 |
| 48 | 3484 | 30.84 | 1.88 | K 107 | 4 | 11 | 18817 | 92.42 | 0.90 | KF 157 | 6 |
| 51 | 3230 | 28.59 | 2.1 | KF 107 | 4 | 12 | 16237 | 79.75 | 1.04 | KA 157 | 6 |
| 57 | 2931 | 25.94 | 2.3 | KA 107 | 4 | 14 | 14330 | 70.38 | 1.18 | KAF157 | 6 |
| 66 | 2519 | 22.30 | 2.7 | KAF107 | 4 | 16 | 12424 | 61.02 | 1.36 | | |
| 76 | 2199 | 19.46 | 3.1 | | | 12 | 16502 | 122.83 | 1.03 | | |
| 89 | 1865 | 16.51 | 3.6 | | | 15 | 13388 | 99.65 | 1.26 | | |
| 35 | 4730 | 41.87 | 0.85 | | | 16 | 12417 | 92.42 | 1.36 | | |
| 48 | 3482 | 30.82 | 1.16 | | | 18 | 10714 | 79.75 | 1.58 | K 157 | 4 |
| 53 | 3153 | 27.91 | 1.28 | K 97 | 4 | 21 | 9456 | 70.38 | 1.79 | KF 157 | 4 |
| 59 | 2796 | 24.75 | 1.45 | KF 97 | 4 | 24 | 8198 | 61.02 | 2.1 | KA 157 | 4 |
| 66 | 2527 | 22.37 | 1.60 | KA 97 | 4 | 27 | 7294 | 54.29 | 2.3 | KAF157 | 4 |
| 78 | 2142 | 18.96 | 1.9 | KAF97 | 4 | 31 | 6286 | 46.79 | 2.7 | | |
| 89 | 1871 | 16.56 | 2.2 | | | 39 | 5108 | 38.02 | 3.3 | | |
| 106 | 1565 | 13.85 | 2.6 | | | 16 | 12015 | 89.43 | 1.02 | | |
| 123 | 1355 | 11.99 | 2.7 | | | 18 | 11087 | 82.52 | 1.10 | | |
| 59 | 2815 | 24.92 | 0.83 | | | 21 | 9532 | 70.95 | 1.28 | | |
| 66 | 2532 | 22.41 | 0.85 | | | 23 | 8410 | 62.60 | 1.45 | | |
| 76 | 2197 | 19.45 | 0.98 | | | 27 | 7264 | 54.07 | 1.68 | K 127 | 4 |
| 84 | 1968 | 17.42 | 1.05 | K 87 | 4 | 31 | 6425 | 47.82 | 1.90 | KF 127 | 4 |
| 102 | 1633 | 14.45 | 1.12 | KF 87 | 4 | 37 | 5400 | 40.19 | 2.3 | KA 127 | 4 |
| 117 | 1419 | 12.56 | 1.21 | KA 87 | 4 | 40 | 4901 | 36.48 | 2.5 | KAF127 | 4 |
| 132 | 1257 | 11.13 | 1.25 | KAF87 | 4 | 47 | 4215 | 31.36 | 2.9 | | |
| 148 | 1125 | 9.96 | 1.32 | | | 53 | 3719 | 27.67 | 3.3 | | |
| 178 | 934 | 8.27 | 1.41 | | | 61 | 3212 | 23.90 | 3.8 | | |
| 204 | 812 | 7.19 | 1.50 | | | 70 | 2841 | 21.14 | 4.3 | | |
| 22kW | | | | | | 22kW | | | | | |
| 3.3 | 57114 | 449 | 0.82 | | | 26 | 7573 | 56.37 | 0.99 | | |
| 4.0 | 46429 | 365 | 1.01 | | | 30 | 6610 | 49.20 | 1.11 | | |
| 5.5 | 34091 | 268 | 1.38 | K 187R107 | 4 | 35 | 5608 | 41.74 | 1.23 | | |
| 6.5 | 28875 | 227 | 1.63 | KA 187R107 | 4 | 40 | 4901 | 36.48 | 1.38 | | |
| 7.4 | 25313 | 199 | 1.86 | | | 46 | 4329 | 32.22 | 1.56 | | |
| 8.8 | 21370 | 168 | 2.2 | | | 48 | 4143 | 30.84 | 1.54 | | |
| 5.4 | 34727 | 273 | 0.87 | | | 51 | 3841 | 28.59 | 1.76 | K 107 | 4 |
| 5.9 | 31801 | 250 | 0.95 | | | 57 | 3485 | 25.94 | 1.94 | KF 107 | 4 |
| 6.7 | 27730 | 218 | 1.08 | K 167R107 | 4 | 66 | 2996 | 22.30 | 2.2 | KA 107 | 4 |
| 7.2 | 25822 | 203 | 1.16 | KA 167R107 | 4 | 76 | 2614 | 19.46 | 2.3 | KAF107 | 4 |
| 7.9 | 23533 | 185 | 1.28 | | | 89 | 2218 | 16.51 | 2.6 | | |
| 9.0 | 20734 | 163 | 1.45 | | | 102 | 1939 | 14.43 | 2.6 | | |
| 11 | 17681 | 139 | 1.70 | | | 109 | 1815 | 13.51 | 2.9 | | |
| 12 | 15392 | 121 | 2.0 | | | 125 | 1584 | 11.79 | 3.0 | | |
| 9.5 | 19717 | 155 | 0.86 | K 157R107 | 4 | 147 | 1343 | 10 | 3.3 | | |
| 12 | 16028 | 126 | 1.06 | KF 157R107 | 4 | 48 | 4141 | 30.82 | 0.98 | | |
| 13 | 13992 | 110 | 1.21 | KA 157R107 | 4 | 53 | 3750 | 27.91 | 1.08 | | |
| 5.4 | 36807 | 180.78 | 1.28 | | | 59 | 3325 | 24.75 | 1.22 | | |
| 6.0 | 32684 | 160.53 | 1.44 | | | 66 | 3005 | 22.37 | 1.34 | K 97 | 4 |
| 6.7 | 29427 | 144.53 | 1.60 | K 187 | 6 | 78 | 2547 | 18.96 | 1.59 | KF 97 | 4 |
| 7.4 | 26540 | 130.35 | 1.77 | KA 187 | 6 | 89 | 2225 | 16.56 | 1.82 | KA 97 | 4 |
| 8.6 | 23044 | 113.18 | 2.0 | | | 106 | 1861 | 13.85 | 1.87 | KAF97 | 4 |
| 8.1 | 24288 | 180.78 | 1.94 | | | 123 | 1611 | 11.99 | 2.1 | | |
| 9.2 | 21567 | 160.53 | 2.2 | K 187 | 4 | 137 | 1439 | 10.71 | 2.2 | | |
| 10 | 19418 | 144.53 | 2.4 | KA 187 | 4 | 164 | 1202 | 8.95 | 2.3 | | |
| 11 | 17512 | 130.35 | 2.7 | | | 76 | 2613 | 19.45 | 0.83 | | |
| 11 | 18070 | 134.5 | 1.66 | | | 84 | 2340 | 17.42 | 0.88 | | |
| 13 | 14831 | 110.39 | 2.0 | K 167 | 4 | 102 | 1941 | 14.45 | 0.94 | K 87 | 4 |
| 17 | 11715 | 87.20 | 2.6 | KA 167 | 4 | 117 | 1687 | 12.56 | 1.02 | KF 87 | 4 |
| 19 | 10460 | 77.86 | 2.9 | | | 132 | 1495 | 11.13 | 1.05 | KA 87 | 4 |
| | | | | | | 148 | 1338 | 9.96 | 1.11 | KAF87 | 4 |
| | | | | | | 178 | 1111 | 8.27 | 1.18 | | |
| | | | | | | 204 | 966 | 7.19 | 1.27 | | |



| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p |
|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|-------------------------------|-----------------------------|-------------------|--|---------------------|-----------------|
| 30kW | | | | | | 37kW | | | | | |
| 5.5 | 49099 | 268 | 0.96 | | | 5.5 | 56947 | 268 | 0.83 | | |
| 6.5 | 41587 | 227 | 1.13 | K 187R107 | 4 | 6.5 | 48235 | 227 | 0.97 | K 187R107 | 4 |
| 7.4 | 36458 | 199 | 1.29 | KA 187R107 | 4 | 7.4 | 42285 | 199 | 1.11 | KA 187R107 | 4 |
| 8.8 | 30778 | 168 | 1.5 | | | 8.8 | 35698 | 168 | 1.32 | | |
| 6.7 | 39938 | 218 | 0.75 | | | 8.0 | 39310 | 185 | 0.77 | | |
| 7.2 | 37190 | 203 | 0.81 | | | 9.1 | 34635 | 163 | 0.87 | K 167R107 | 4 |
| 7.9 | 33893 | 185 | 0.89 | | | 11 | 29536 | 139 | 1.02 | KA 167R107 | 4 |
| 9.0 | 29862 | 163 | 1.01 | K 167R107 | 4 | 12 | 25711 | 121 | 1.17 | | |
| 11 | 25465 | 139 | 1.18 | KA 167R107 | 4 | 8.2 | 40572 | 180.78 | 1.16 | | |
| 12 | 22168 | 121 | 1.36 | | | 8.9 | 37268 | 166.06 | 1.26 | | |
| 8.1 | 33120 | 180.78 | 1.42 | | | 10 | 32436 | 144.53 | 1.45 | | |
| 8.9 | 30423 | 166.06 | 1.54 | | | 11 | 29395 | 130.98 | 1.60 | K 187 | 4 |
| 10 | 26478 | 144.53 | 1.78 | | | 13 | 25400 | 113.18 | 1.85 | KA 187 | 4 |
| 11 | 23996 | 130.98 | 1.96 | K 187 | 4 | 14 | 23046 | 102.69 | 2.0 | | |
| 13 | 20735 | 113.18 | 2.3 | KA 187 | 4 | 17 | 19853 | 88.46 | 2.4 | | |
| 14 | 18813 | 102.69 | 2.5 | | | 14 | 24559 | 109.43 | 1.22 | | |
| 17 | 16206 | 88.46 | 2.9 | | | 17 | 19646 | 87.54 | 1.53 | | |
| 13 | 20048 | 109.43 | 1.50 | | | 19 | 17828 | 78.44 | 1.69 | K 167 | 4 |
| 17 | 15975 | 87.20 | 1.88 | | | 22 | 15301 | 68.18 | 2.0 | KA 167 | 4 |
| 19 | 14554 | 79.44 | 2.1 | K 167 | 4 | 24 | 13582 | 60.52 | 2.2 | | |
| 22 | 12427 | 67.83 | 2.4 | KA 167 | 4 | 35 | 9592 | 42.74 | 3.1 | | |
| 24 | 11088 | 60.52 | 2.7 | | | 16 | 20741 | 92.42 | 0.82 | | |
| 15 | 18256 | 99.65 | 0.93 | | | 19 | 17898 | 79.75 | 0.95 | | |
| 16 | 16932 | 92.42 | 1.00 | | | 21 | 15795 | 70.38 | 1.07 | K 157 | 4 |
| 18 | 14611 | 79.75 | 1.16 | | | 24 | 13694 | 61.02 | 1.24 | KF 157 | 4 |
| 21 | 12894 | 70.38 | 1.31 | K 157 | 4 | 27 | 12184 | 54.29 | 1.39 | KA 157 | 4 |
| 24 | 11179 | 61.02 | 1.51 | KF 157 | 4 | 32 | 10501 | 46.79 | 1.61 | KAF157 | 4 |
| 27 | 9946 | 54.29 | 1.70 | KA 157 | 4 | 39 | 8533 | 38.02 | 1.98 | | |
| 31 | 8572 | 46.79 | 1.97 | KAF157 | 4 | 47 | 7025 | 31.30 | 2.4 | | |
| 39 | 6965 | 38.02 | 2.4 | | | 24 | 14049 | 62.60 | 0.87 | | |
| 47 | 5734 | 31.30 | 3.0 | | | 27 | 12135 | 54.07 | 1.01 | | |
| 21 | 12998 | 70.95 | 0.94 | | | 31 | 10732 | 47.82 | 1.14 | | |
| 23 | 11469 | 62.60 | 1.07 | | | 37 | 9020 | 40.19 | 1.35 | | |
| 27 | 9906 | 54.07 | 1.23 | K 127 | 4 | 41 | 8187 | 36.48 | 1.49 | | |
| 31 | 8761 | 47.82 | 1.39 | KF 127 | 4 | 47 | 7040 | 31.36 | 1.74 | K 127 | 4 |
| 37 | 7363 | 40.19 | 1.66 | KA 127 | 4 | 53 | 6212 | 27.67 | 1.97 | KF 127 | 4 |
| 40 | 6683 | 36.48 | 1.83 | KAF127 | 4 | 62 | 5366 | 23.90 | 2.3 | KA 127 | 4 |
| 47 | 5747 | 31.36 | 2.1 | | | 70 | 4747 | 21.14 | 2.6 | KAF127 | 4 |
| 53 | 5071 | 27.67 | 2.4 | | | 83 | 3988 | 17.77 | 2.8 | | |
| 61 | 4380 | 23.90 | 2.8 | | | 103 | 3220 | 14.35 | 3.1 | | |
| 35 | 7647 | 41.74 | 0.90 | | | 116 | 2870 | 12.78 | 3.1 | | |
| 40 | 6683 | 36.48 | 1.01 | | | 138 | 2410 | 10.74 | 3.5 | | |
| 46 | 5903 | 32.22 | 1.08 | | | 171 | 1948 | 8.68 | 3.5 | | |
| 51 | 5238 | 28.59 | 1.29 | | | 41 | 8187 | 36.48 | 0.83 | | |
| 57 | 4752 | 25.94 | 1.42 | K 107 | 4 | 48 | 6921 | 30.84 | 0.92 | | |
| 66 | 4085 | 22.30 | 1.63 | KF 107 | 4 | 52 | 6416 | 28.59 | 1.05 | | |
| 76 | 3565 | 19.46 | 1.66 | KA 107 | 4 | 57 | 5822 | 25.94 | 1.16 | | |
| 89 | 3025 | 16.51 | 1.87 | KAF107 | 4 | 66 | 5005 | 22.3 | 1.33 | K 107 | 4 |
| 102 | 2644 | 14.43 | 1.90 | | | 76 | 4367 | 19.46 | 1.35 | KF 107 | 4 |
| 109 | 2475 | 13.51 | 2.15 | | | 90 | 3705 | 16.51 | 1.53 | KA 107 | 4 |
| 125 | 2160 | 11.79 | 2.19 | | | 103 | 3238 | 14.43 | 1.55 | KAF107 | 4 |
| 147 | 1832 | 10.00 | 2.39 | | | 110 | 3032 | 13.51 | 1.75 | | |
| 168 | 1601 | 8.74 | 2.45 | | | 126 | 2646 | 11.79 | 1.79 | | |
| 59 | 4534 | 24.75 | 0.89 | | | 148 | 2244 | 10.00 | 1.82 | | |
| 66 | 4098 | 22.37 | 0.99 | | | 169 | 1961 | 8.74 | 1.95 | | |
| 78 | 3474 | 18.96 | 1.16 | K 97 | 4 | | | | | | |
| 89 | 3034 | 16.56 | 1.33 | KF 97 | 4 | | | | | | |
| 106 | 2537 | 13.85 | 1.59 | KA 97 | 4 | | | | | | |
| 123 | 2197 | 11.99 | 1.66 | KAF97 | 4 | | | | | | |
| 137 | 1962 | 10.71 | 1.37 | | | | | | | | |
| 164 | 1640 | 8.95 | 1.52 | | | | | | | | |

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| 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | 输出转速 Output speed r/min | 输出扭矩 Output torque Nm | 传动比 Ratio i | 使用系数 Service factor f _B | 机型号 Type Type | 极数 Pole p | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|-------------------|--|-------------------------------------|-----------------|-------------------------------|-----------------------------|-------------------------------------|--|-------------------------------------|-----------------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-----------------|-------|-----------------|-------|-------------------------------------|-------|-------------------------------------|-------|-----------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|-------------------------------------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|-------------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 45kW | | | | | | 55kW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.5 | 58664 | 227 | 0.80 | K 187R107 KA 187R107 | 4 | 17 | 29204 | 87.54 | 1.03 | K 167 KA 167 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.4 | 51428 | 199 | 0.91 | | | 8.8 | 43416 | 168 | 1.08 | | | 11 | 35922 | 139 | 0.84 | K 167R107 | 4 | 12 | 31270 | 121 | 0.96 | KA 167R107 | 4 | 22 | 22745 | 68.18 | 1.32 | K 157 KF 157 KA 157 KAF157 | 4 | 8.2 | 49344 | 180.78 | 0.95 | 8.9 | 45326 | 166.06 | 1.04 | 10 | 39449 | 144.53 | 1.19 | 11 | 35751 | 130.98 | 1.31 | K 187 | 4 | 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | 17 | 23894 | 87.54 | 1.26 | 19 | 21683 | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | |
| 8.8 | 43416 | 168 | 1.08 | | | 11 | 35922 | 139 | 0.84 | | | K 167R107 | 4 | 12 | 31270 | 121 | 0.96 | KA 167R107 | 4 | 22 | 22745 | 68.18 | 1.32 | K 157 KF 157 KA 157 KAF157 | 4 | 8.2 | 49344 | | | 180.78 | 0.95 | 8.9 | 45326 | 166.06 | 1.04 | 10 | 39449 | 144.53 | 1.19 | 11 | 35751 | 130.98 | 1.31 | K 187 | 4 | 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | | | 24 | 20357 | 61.02 | 0.83 | 17 | 23894 | 87.54 | 1.26 | 19 | 21683 | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | | | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | | | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | | | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | | | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | |
| 11 | 35922 | 139 | 0.84 | K 167R107 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 31270 | 121 | 0.96 | KA 167R107 | 4 | 22 | 22745 | 68.18 | 1.32 | K 157 KF 157 KA 157 KAF157 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.2 | 49344 | 180.78 | 0.95 | 8.9 | 45326 | 166.06 | 1.04 | 10 | 39449 | | | 144.53 | 1.19 | 11 | 35751 | 130.98 | 1.31 | K 187 | 4 | 13 | 30892 | 113.18 | 1.52 | | | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | 17 | 23894 | 87.54 | 1.26 | 19 | 21683 | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | | | | | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | | | | | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | | | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | |
| 8.9 | 45326 | 166.06 | 1.04 | 10 | 39449 | 144.53 | 1.19 | 11 | 35751 | | | 130.98 | 1.31 | K 187 | 4 | 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | 19 | 21683 | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | | | | | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | | | 54.29 | 0.93 | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | | | | | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | | | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | | | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | | | 19.46 | 1.11 | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | | | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | | | 47 | 14271 | 31.36 | 0.86 | | | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | |
| 10 | 39449 | 144.53 | 1.19 | 11 | 35751 | 130.98 | 1.31 | K 187 | 4 | | | 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | | | 61.02 | 0.83 | 17 | 23894 | | | 87.54 | 1.26 | 19 | 21683 | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | | | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | | | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | | | | | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | | | | | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | | | | | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | | | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | | | 117 | 5755 | 12.65 | 2.9 | | | | | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | | | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | |
| 11 | 35751 | 130.98 | 1.31 | K 187 | 4 | 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | | | 87.54 | 1.26 | 19 | 21683 | | | 79.44 | 1.42 | 22 | 18610 | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | | | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | | | | | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | | | | | | | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | | | | | | | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | | | 77.86 | 0.85 | | | | | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | | | 14.92 | 2.5 | 117 | 5755 | | | | | 12.65 | 2.9 | 47 | 14271 | | | | | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | |
| 13 | 30892 | 113.18 | 1.52 | KA 187 | 4 | 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | | | 79.44 | 1.42 | 22 | 18610 | | | 68.18 | 1.62 | 24 | 16519 | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | | | 54.29 | 0.93 | 24 | 16655 | | | 61.02 | 1.02 | | | 27 | 14818 | | | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | | | | | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | | | 37 | 10970 | | | | | | | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | | | | | | | | | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | | | 22.30 | 1.10 | 76 | 5312 | | | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | | | 19 | 35420 | | | | | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | | | 18.37 | 2.0 | 99 | 6787 | | | | | 14.92 | 2.5 | 117 | 5755 | | | | | 12.65 | 2.9 | | | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 |
| 14 | 28029 | 102.69 | 1.68 | | | 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | | | 68.18 | 1.62 | 24 | 16519 | | | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | | | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | | | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | | | | | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | | | | | 37 | 10970 | | | | | | | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | | | | | | | | | | | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | | | 8.74 | 1.64 | | | | | | | 19 | 35420 | | | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | | | 21.31 | 1.75 | 81 | 8357 | | | | | 18.37 | 2.0 | 99 | 6787 | | | | | 14.92 | 2.5 | | | 117 | 5755 | 12.65 | 2.9 | | | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 |
| 17 | 24145 | 88.46 | 1.9 | | | 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | | | 60.52 | 1.82 | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | | | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | | | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | | | | | 41 | 9957 | | | | | | | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | | | | | | | | | | | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | | | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | | | 67.83 | 0.97 | | | | | 24 | 27531 | | | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | | | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | | | 12.65 | 2.9 | 47 | 14271 | | | | | 31.36 | 0.86 | | | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 |
| 20 | 20291 | 74.34 | 2.3 | | | 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | | | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | | | 38.02 | 1.63 | | | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | | | | | 47 | 8562 | | | | | | | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | | | | | | | | | | | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | | | 67.83 | 0.97 | | | | | | | 24 | 27531 | | | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | | | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | | | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | 62 | 10877 | | | | | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | |
| 14 | 29869 | 109.43 | 1.01 | K 167 KA 167 | 4 | 24 | 20357 | 61.02 | 0.83 | | | 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | | | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | | | 31.30 | 2.0 | | | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | | | 40.19 | 1.11 | 41 | 9957 | | | 36.48 | 1.23 | 47 | 8562 | | | | | | | 31.36 | 1.43 | | | | | | | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | | | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | | | | | | | | | | | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | | | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | | | | | | | 67.83 | 0.97 | | | 24 | 27531 | | | 60.52 | 1.09 | 29 | 23496 | | | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | | | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | | | | | 31.36 | 0.86 | | | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | | | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | |
| 17 | 23894 | 87.54 | 1.26 | | | 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | | | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | | | 31.30 | 2.0 | | | 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | | | 23.95 | 2.6 | | | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | | | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | | | | | 62 | 6526 | | | | | | | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | | | | | | | | | | | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | | | | | | | 67.83 | 0.97 | | | | | | | 24 | 27531 | | | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | | | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | | | | | K 127 KF 127 KA 127 KAF127 | 4 | | | | | 53 | 12592 | | | | | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | |
| 19 | 21683 | 79.44 | 1.42 | | | 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | | | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | 31.30 | 2.0 | | | 54 | 7539 | | | 27.62 | 2.2 | | | 62 | 6537 | 23.95 | 2.6 | | | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | | | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | | | | | 70 | 5773 | | | | | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | | | | | | | | | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | | | | | 60.52 | 1.09 | 29 | 23496 | | | | | | | 51.65 | 1.28 | | | 34 | 19598 | | | 43.08 | 1.53 | 41 | 16595 | | | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | | | | | | | | | | | 23.90 | 1.12 | | | | | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | |
| 22 | 18610 | 68.18 | 1.62 | | | 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | | | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | 31.30 | 2.0 | | | 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | | | 23.95 | 2.6 | | | 69 | 5817 | 21.31 | 2.9 | | | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | | | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | | | | | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | | | | | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | | | | | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | | | | | 41 | 16595 | | | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | | | | | | | | | 83 | 8084 | | | | | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | |
| 24 | 16519 | 60.52 | 1.82 | | | 29 | 14079 | 51.58 | 2.1 | | | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | 31.30 | 2.0 | | | 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | 23.95 | 2.6 | | | 69 | 5817 | | | 21.31 | 2.9 | | | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | | | | | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | | | | | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | | | | | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | | | | | 103 | 6528 | | | 14.35 | 1.51 | | | | | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | |
| 29 | 14079 | 51.58 | 2.1 | | | 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | 47 | 8543 | 31.30 | 2.0 | | | 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | 23.95 | 2.6 | | | 69 | 5817 | 21.31 | 2.9 | | | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | | | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | | | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | | | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | | | | | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | | | | | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 11666 | 42.74 | 2.6 | 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | 54.29 | 0.93 | | | 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | 23.95 | 2.6 | | | 69 | 5817 | 21.31 | 2.9 | | | 81 | 5014 | 18.37 | 3.4 | | | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | | | | | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | | | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | | | | | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 19210 | 70.38 | 0.88 | K 127 KF 127 KA 127 KAF127 | 4 | 27 | 18111 | | | 54.29 | 0.93 | 24 | 16655 | | | 61.02 | 1.02 | 27 | 14818 | | | 54.29 | 1.14 | 32 | 12771 | | | 46.79 | 1.32 | 39 | 10378 | | | 38.02 | 1.63 | 47 | 8543 | | | 31.30 | 2.0 | 54 | 7539 | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | | | 40.19 | 1.11 | 41 | 9957 | | | 36.48 | 1.23 | 47 | 8562 | | | 31.36 | 1.43 | 53 | 7555 | | | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | | | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | | | 25.94 | 0.96 | 66 | 6087 | | | 22.30 | 1.10 | 76 | 5312 | | | 19.46 | 1.11 | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | | | 14.43 | 1.44 | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | | | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | | | 60.52 | 1.09 | 29 | 23496 | | | 51.65 | 1.28 | 34 | 19598 | | | 43.08 | 1.53 | 41 | 16595 | | | 36.48 | 1.81 | 46 | 14616 | | | 32.13 | 2.1 | | | | | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | | | | | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 16655 | 61.02 | 1.02 | | | 27 | 14818 | | | 54.29 | 1.14 | 32 | 12771 | | | 46.79 | 1.32 | 39 | 10378 | | | 38.02 | 1.63 | 47 | 8543 | | | 31.30 | 2.0 | 54 | 7539 | | | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | | | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | | | 31.36 | 1.43 | 53 | 7555 | | | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | | | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | | | 19.46 | 1.11 | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | | | 14.43 | 1.44 | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | | | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | 24 | 27531 | 60.52 | 1.09 | | | | | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | | | 43.08 | 1.53 | 41 | 16595 | | | 36.48 | 1.81 | 46 | 14616 | | | 32.13 | 2.1 | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | | | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | | | | | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 14818 | 54.29 | 1.14 | | | 32 | 12771 | | | 46.79 | 1.32 | 39 | 10378 | | | 38.02 | 1.63 | 47 | 8543 | | | 31.30 | 2.0 | 54 | 7539 | | | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | 18.37 | 3.4 | 31 | 13052 | | | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | | | 27.67 | 1.62 | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | | | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | | | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | | | 14.43 | 1.44 | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | 29 | 23496 | 51.65 | 1.28 | | | | | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | | | 36.48 | 1.81 | 46 | 14616 | | | 32.13 | 2.1 | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | | | 13 | 36261 | | | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 12771 | 46.79 | 1.32 | | | 39 | 10378 | | | 38.02 | 1.63 | 47 | 8543 | | | 31.30 | 2.0 | 54 | 7539 | | | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | | | 23.90 | 1.87 | 70 | 5773 | | | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | | | 14.43 | 1.44 | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | 34 | 19598 | 43.08 | 1.53 | | | | | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | | | 32.13 | 2.1 | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | | | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 10378 | 38.02 | 1.63 | | | 47 | 8543 | | | 31.30 | 2.0 | 54 | 7539 | | | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | | | 21.14 | 2.1 | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | 41 | 16595 | 36.48 | 1.81 | | | | | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 8543 | 31.30 | 2.0 | | | 54 | 7539 | | | 27.62 | 2.2 | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | | | 17.77 | 2.3 | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | 46 | 14616 | 32.13 | 2.1 | | | | | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 7539 | 27.62 | 2.2 | | | 62 | 6537 | | | 23.95 | 2.6 | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | | | 14.35 | 2.5 | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | 52 | 13042 | 28.67 | 2.3 | | | | | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 6537 | 23.95 | 2.6 | | | 69 | 5817 | | | 21.31 | 2.9 | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | | | 12.78 | 2.6 | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | 61 | 11114 | 24.43 | 2.7 | | | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | | | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 5817 | 21.31 | 2.9 | | | 81 | 5014 | | | 18.37 | 3.4 | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | | | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | | | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | 39 | 17296 | 38.02 | 0.98 | | | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | | | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 5014 | 18.37 | 3.4 | | | 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | 138 | 2931 | 10.74 | 2.8 | | | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | | | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | | | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | | | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 13052 | 47.82 | 0.94 | K 187 KA 187 | 4 | 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 10970 | 40.19 | 1.11 | | | 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 9957 | 36.48 | 1.23 | | | 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 8562 | 31.36 | 1.43 | | | 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 7555 | 27.67 | 1.62 | | | 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 6526 | 23.90 | 1.87 | | | 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 5773 | 21.14 | 2.1 | | | 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | 4850 | 17.77 | 2.3 | | | 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 3917 | 14.35 | 2.5 | | | 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 3491 | 12.78 | 2.6 | | | 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 2931 | 10.74 | 2.8 | 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | 2369 | 8.68 | 2.9 | 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | | | 25.94 | 0.96 | 66 | 6087 | | | 22.30 | 1.10 | 76 | 5312 | | | 19.46 | 1.11 | 90 | 4506 | | | 16.51 | 1.26 | 103 | 3939 | | | 14.43 | 1.44 | 110 | 3688 | | | 13.51 | 1.47 | 126 | 3218 | | | 11.79 | 1.55 | 148 | 2729 | | | 10.00 | 1.60 | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | | | 67.83 | 0.97 | 24 | 27531 | | | 60.52 | 1.09 | 29 | 23496 | | | 51.65 | 1.28 | 34 | 19598 | | | 43.08 | 1.53 | 41 | 16595 | | | 36.48 | 1.81 | 46 | 14616 | | | 32.13 | 2.1 | 52 | 13042 | | | 28.67 | 2.3 | 61 | 11114 | | | 24.43 | 2.7 | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 7804 | 28.59 | 0.87 | K 167 KA 167 | 4 | 57 | 7080 | | | 25.94 | 0.96 | | | 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | | | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 7080 | 25.94 | 0.96 | | | 66 | 6087 | | | 22.30 | 1.10 | | | 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | | | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 6087 | 22.30 | 1.10 | | | 76 | 5312 | | | 19.46 | 1.11 | | | 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | | | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 5312 | 19.46 | 1.11 | | | 90 | 4506 | | | 16.51 | 1.26 | | | 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | | | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 4506 | 16.51 | 1.26 | | | 103 | 3939 | | | 14.43 | 1.44 | | | 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | | | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 3939 | 14.43 | 1.44 | | | 110 | 3688 | | | 13.51 | 1.47 | | | 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | | | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 3688 | 13.51 | 1.47 | | | 126 | 3218 | | | 11.79 | 1.55 | | | 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | | | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | | | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 3218 | 11.79 | 1.55 | | | 148 | 2729 | | | 10.00 | 1.60 | | | 169 | 2386 | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | | | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | | | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 148 | 2729 | 10.00 | 1.60 | | | 169 | 2386 | | | 8.74 | 1.64 | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | | | 38.02 | 0.98 | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 2386 | 8.74 | 1.64 | | | 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 35420 | 77.86 | 0.85 | K 157 KF 157 KA 157 KAF157 | 4 | 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 30857 | 67.83 | 0.97 | | | 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 27531 | 60.52 | 1.09 | | | 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 23496 | 51.65 | 1.28 | | | 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 19598 | 43.08 | 1.53 | | | 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 16595 | 36.48 | 1.81 | | | 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 14616 | 32.13 | 2.1 | | | 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 13042 | 28.67 | 2.3 | | | 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 11114 | 24.43 | 2.7 | | | 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 17296 | 38.02 | 0.98 | | | 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 14239 | 31.30 | 1.19 | 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 12565 | 27.62 | 1.35 | 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 10895 | 23.95 | 1.55 | 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 9694 | 21.31 | 1.75 | 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 8357 | 18.37 | 2.0 | 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | 6787 | 14.92 | 2.5 | 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 5755 | 12.65 | 2.9 | 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | | | 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 14271 | 31.36 | 0.86 | K 127 KF 127 KA 127 KAF127 | 4 | 53 | 12592 | | | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 12592 | 27.67 | 0.97 | | | 62 | 10877 | | | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 10877 | 23.90 | 1.12 | | | 70 | 9621 | | | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 9621 | 21.14 | 1.27 | | | 83 | 8084 | | | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | | | 138 | 4886 | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | 8084 | 17.77 | 1.36 | | | 103 | 6528 | | | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | | | 138 | 4886 | | | 10.74 | 1.72 | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 6528 | 14.35 | 1.51 | | | 114 | 5900 | | | 12.78 | 1.54 | | | 138 | 4886 | | | 10.74 | 1.72 | | | 171 | 3949 | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 5900 | 12.78 | 1.54 | | | 138 | 4886 | | | 10.74 | 1.72 | | | 171 | 3949 | | | 8.68 | 1.74 | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 4886 | 10.74 | 1.72 | | | 171 | 3949 | | | 8.68 | 1.74 | | | 10 | 45904 | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | 3949 | 8.68 | 1.74 | | | 10 | 45904 | | | 145.33 | 1.02 | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 45904 | 145.33 | 1.02 | | | 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 41371 | 130.98 | 1.14 | 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 36261 | 114.80 | 1.30 | 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 32436 | 102.69 | 1.45 | 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 29511 | 88.46 | 1.59 | 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 24800 | 74.34 | 1.90 | 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 21474 | 64.37 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

K



| Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p | Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p | | | | |
|--------------------------------------|----------------------------------|---|---|----------------------|---|---|---|---|----------------------|---|------|---|------|
| 200 | 5.0 | 279 | K 37R17 KF 37R17 KA 37R17 KAF37R17 | 0.18 | 1550 | 1.0 | 1388 | K 77R37 KF 77R37 KA 77R37 KAF77R37 | 0.25 | | | | |
| | 5.2 | 267 | | | | 1.1 | 1218 | | | | | | |
| | 5.9 | 234 | | | | 1.3 | 1053 | | | | | | |
| | 6.8 | 205 | | | | 1.5 | 924 | | | | | | |
| | 7.7 | 181 | | 1.7 | | 815 | 0.37 | | | | | | |
| | 8.7 | 160 | | 2.0 | | 709 | | | | | | | |
| | 10 | 136 | | 2.2 | | 622 | 0.55 | | | | | | |
| | 11 | 127 | | 2.5 | | 552 | | | | | | | |
| | 13 | 110 | | 2.9 | | 485 | 0.75 | | | | | | |
| | 14 | 96 | | 3.2 | | 428 | | | | | | | |
| 400 | 2.5 | 552 | K 47R37 KF 47R37 KA 47R37 KAF47R37 | 0.18 | 2700 | 0.34 | 4037 | K 87R57 KF 87R57 KA 87R57 KAF87R57 | 0.18 | | | | |
| | 2.8 | 495 | | | | 0.39 | 3609 | | | | | | |
| | 3.3 | 416 | | | | 0.45 | 3107 | | | | | | |
| | 3.7 | 375 | | | | 0.51 | 2728 | | | | | | |
| | 4.3 | 326 | | 0.59 | | 2371 | 0.25 | | | | | | |
| | 4.8 | 289 | | 0.67 | | 2088 | | | | | | | |
| | 5.6 | 250 | | 0.75 | | 1854 | 0.37 | | | | | | |
| | 6.3 | 219 | | 0.84 | | 1658 | | | | | | | |
| | 7.2 | 193 | | 0.98 | | 1415 | 0.55 | | | | | | |
| | 8.3 | 167 | | 1.1 | | 1229 | | | | | | | |
| 9.3 | 149 | K 57R37 KF 57R37 KA 57R37 KAF57R37 | 0.18 | 4300 | 1.3 | 1078 | K 97R57 KF 97R57 KA 97R57 KAF97R57 | 0.55 | | | | | |
| 11 | 128 | | | | 1.5 | 951 | | | | | | | |
| 600 | 1.5 | | | | 906 | K 67R37 KF 67R37 KA 67R37 KAF67R37 | | | 0.25 | 1.7 | 837 | K 97R57 KF 97R57 KA 97R57 KAF97R57 | 0.75 |
| | 1.7 | | | | 806 | | | | | 1.9 | 726 | | |
| | 2.0 | | 699 | | 2.2 | | | 638 | | | | | |
| | 2.3 | | 615 | | 2.5 | | | 562 | | | | | |
| | 2.6 | | 544 | | 3.0 | | | 474 | 1.1 | | | | |
| | 2.9 | | 473 | | 3.3 | | | 426 | | | | | |
| | 3.3 | | 421 | | 3.8 | | | 373 | 1.5 | | | | |
| | 3.8 | | 362 | | 4.2 | | | 330 | | | | | |
| | 4.4 | 319 | 4.8 | 293 | 2.2 | | | | | | | | |
| | 5.1 | 273 | 5.6 | 250 | | | | | | | | | |
| 5.8 | 240 | 5.9 | 236 | 0.18 | | | | | | | | | |
| 6.5 | 215 | 7.0 | 201 | | | | | | | | | | |
| 7.2 | 192 | K 77R37 KF 77R37 KA 77R37 KAF77R37 | 0.37 | 1550 | 0.23 | 6027 | K 97R57 KF 97R57 KA 97R57 KAF97R57 | 0.25 | | | | | |
| 8.4 | 166 | | | | 0.26 | 5392 | | | | | | | |
| 9.9 | 141 | | | | 0.30 | 4669 | | | | | | | |
| 11 | 126 | | | | 0.34 | 4082 | | | | | | | |
| 13 | 108 | | 0.39 | | 3583 | 0.37 | | | | | | | |
| 15 | 95 | | 0.45 | | 3108 | | | | | | | | |
| 820 | 1.2 | | 1171 | | K 67R37 KF 67R37 KA 67R37 KAF67R37 | 0.25 | | 0.51 | 2757 | K 97R57 KF 97R57 KA 97R57 KAF97R57 | 0.55 | | |
| | 1.3 | | 1034 | | | | | 0.58 | 2419 | | | | |
| | 1.5 | | 903 | | | | | 0.66 | 2123 | | | | |
| | 1.8 | | 793 | | | | | 0.75 | 1856 | | | | |
| | 2.0 | 697 | 0.86 | 1625 | | 0.75 | | | | | | | |
| | 2.3 | 613 | 0.98 | 1430 | | | | | | | | | |
| | 2.6 | 542 | 1.1 | 1261 | | 1.1 | | | | | | | |
| | 3.0 | 471 | 1.3 | 1102 | | | | | | | | | |
| | 3.3 | 420 | 1.5 | 957 | | 1.5 | | | | | | | |
| | 3.9 | 361 | 1.6 | 855 | | | | | | | | | |
| 4.3 | 323 | 1.9 | 743 | 2.2 | | | | | | | | | |
| 5.1 | 272 | 2.1 | 651 | | | | | | | | | | |
| 5.8 | 240 | 2.4 | 573 | 0.18 | | | | | | | | | |
| 6.4 | 217 | 2.8 | 504 | | | | | | | | | | |
| 7.3 | 191 | 3.2 | 437 | 0.18 | | | | | | | | | |
| 1550 | 0.59 | 2370 | K 77R37 KF 77R37 KA 77R37 KAF77R37 | | 0.18 | 3.6 | 382 | K 97R57 KF 97R57 KA 97R57 KAF97R57 | 2.2 | | | | |
| | 0.68 | 2050 | | 4.1 | | 342 | | | | | | | |
| | 0.78 | 1772 | | | | | | | | | | | |
| | 0.92 | 1514 | | | | | | | | | | | |

表上所配功率均有超载,按实际条件确定的转扭不得大于减速机额定转扭。 The power are all overload in the table. The decided torque according to operating condition should not more than gear units' nominal torque.



| Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p | Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p |
|--------------------------------------|----------------------------------|-------------------|---|----------------------|--------------------------------------|----------------------------------|-------------------|---|----------------------|
| 4300 | 4.6 | 305 | K 97R57 | 3.0 | 13000 | 1.5 | 899 | K 127R77 KF 127R77 KA 127R77 KAF127R77 | 3.0 |
| | 5.4 | 258 | KF 97R57 | | | 1.8 | 790 | | |
| | 6.0 | 232 | KA 97R57 | | | 2.0 | 690 | | |
| | 7.1 | 199 | KAF97R57 | 2.3 | | 599 | 4.0 | | |
| 8000 | 0.13 | 10528 | K 107R77 KF 107R77 KA 107R77 KAF107R77 | 0.18 | | 2.6 | 536 | K 127R87 KF 127R87 KA 127R87 KAF127R87 | 5.5 |
| | 0.15 | 9391 | | | | 3.0 | 468 | | |
| | 0.17 | 8211 | | | | 3.4 | 410 | | |
| | 0.19 | 7167 | | 2.6 | | 536 | 4.0 | | |
| | 0.23 | 6097 | | 0.25 | | 2.9 | 473 | | |
| | 0.25 | 5582 | | | | 3.3 | 418 | | |
| | 0.27 | 5065 | | | | 3.8 | 367 | 5.5 | |
| | 0.32 | 4299 | | 0.37 | | 4.2 | 330 | | |
| | 0.37 | 3757 | | | 4.8 | 290 | | | |
| | 0.43 | 3236 | | | 0.55 | 0.08 | 17679 | | |
| | 0.48 | 2869 | | 0.09 | | 15729 | | | |
| | 0.56 | 2504 | | 0.10 | | 14721 | | | |
| | 0.63 | 2203 | 0.11 | 13097 | | 0.55 | | | |
| | 0.74 | 1869 | 0.12 | 11368 | | | | | |
| | 0.83 | 1689 | 0.14 | 10114 | | | | | |
| | 0.91 | 1533 | 0.16 | 8718 | | | | | |
| | 1.1 | 1317 | 1.1 | 0.18 | 7734 | | | | |
| | 1.2 | 1150 | | 0.27 | 5074 | | | | |
| | 1.4 | 1015 | | 0.31 | 4514 | 1.1 | | | |
| | 1.6 | 871 | 0.35 | 3974 | | | | | |
| 1.8 | 782 | 0.40 | 3516 | | | | | | |
| 2.0 | 686 | 2.2 | 0.46 | 3047 | | | | | |
| 2.3 | 606 | | 0.48 | 2899 | | | | | |
| 2.7 | 515 | | 0.60 | 2319 | 1.5 | | | | |
| 3.1 | 455 | 0.69 | 2026 | | | | | | |
| 3.6 | 402 | 0.77 | 1802 | | | | | | |
| 4.1 | 351 | 0.83 | 1680 | | | | | | |
| 4.7 | 307 | 4.0 | 1.0 | 1365 | | | | | |
| 5.2 | 277 | | 1.1 | 1229 | | | | | |
| 5.9 | 243 | | 1.3 | 1093 | 3.0 | | | | |
| 0.08 | 17550 | 1.5 | 942 | | | | | | |
| 0.09 | 16006 | 1.6 | 854 | | | | | | |
| 0.10 | 14975 | 1.8 | 756 | 4.0 | | | | | |
| 0.11 | 12440 | 2.1 | 661 | | | | | | |
| 0.13 | 10914 | 2.5 | 565 | | | | | | |
| 0.14 | 9819 | 2.9 | 503 | | | | | | |
| 0.16 | 8443 | 0.37 | 3.3 | 433 | | | | | |
| 0.19 | 7483 | | 5.0 | 290 | | | | | |
| 0.21 | 6565 | | 4.8 | 307 | 11 | | | | |
| 0.24 | 5804 | 4.8 | 307 | | | | | | |
| 0.28 | 5027 | 5.6 | 260 | | | | | | |
| 0.31 | 4423 | 6.2 | 237 | | | | | | |
| 0.37 | 3801 | 0.55 | 7.0 | 210 | | | | | |
| 0.43 | 3237 | | 5.6 | 260 | | | | | |
| 0.47 | 2941 | | 6.2 | 237 | | | | | |
| 0.55 | 2548 | 0.75 | 7.0 | 210 | | | | | |
| 0.63 | 2218 | | 4.8 | 307 | | | | | |
| 0.72 | 1926 | | 5.6 | 260 | | | | | |
| 0.79 | 1757 | 1.1 | 6.2 | 237 | | | | | |
| 0.90 | 1541 | | 7.0 | 210 | | | | | |
| 1.0 | 1342 | | 4.8 | 307 | | | | | |
| 1.2 | 1177 | 1.5 | 5.6 | 260 | | | | | |
| 1.4 | 1025 | | 6.2 | 237 | | | | | |
| 0.07 | 19653 | | 7.0 | 210 | | | | | |
| 0.08 | 17345 | 0.55 | 0.07 | 19653 | | | | | |
| 0.09 | 14945 | | 0.08 | 17345 | | | | | |
| 0.11 | 13190 | | 0.09 | 14945 | | | | | |
| 0.12 | 11532 | | 0.11 | 13190 | | | | | |
| 0.14 | 10227 | 1.1 | 0.12 | 11532 | | | | | |
| 0.16 | 8597 | | 0.14 | 10227 | | | | | |
| 0.21 | 6538 | | 0.16 | 8597 | | | | | |
| 0.26 | 5366 | 1.5 | 0.21 | 6538 | | | | | |
| 0.29 | 4798 | | 0.26 | 5366 | | | | | |
| 0.34 | 4059 | | 0.29 | 4798 | | | | | |
| 0.34 | 4059 | 2.2 | 0.34 | 4059 | | | | | |
| 0.34 | 4059 | | 0.34 | 4059 | | | | | |

K

表上所配功率均有超载,按实际条件确定的转扭不得大于减速机额定转扭。

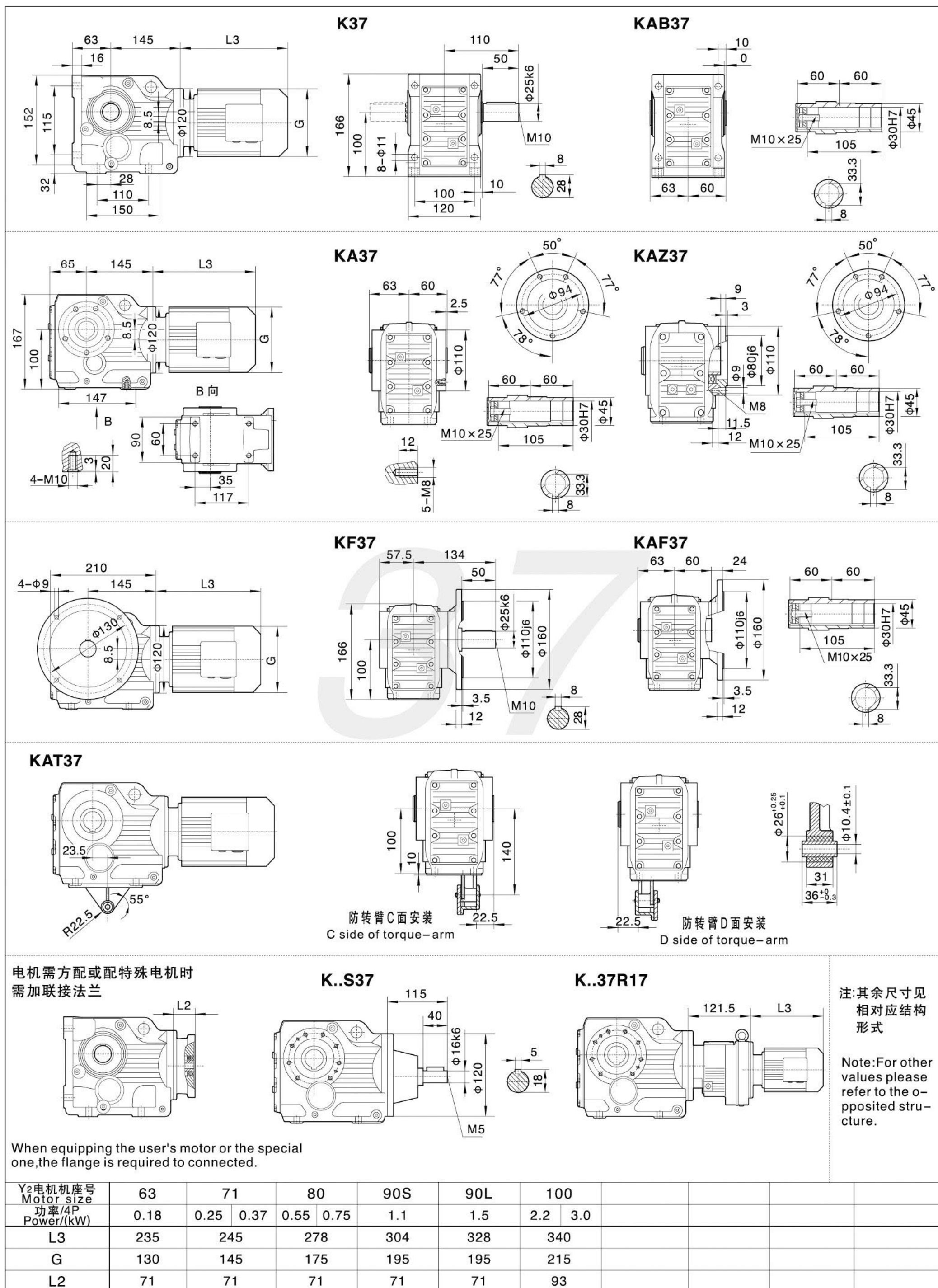
The power are all overload in the table. The decided torque according to operating condition should not more than gear units' nominal torque.



| Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p | Mamax Permissible torque Nm | 输出转速 Output speed r/min | 传动比 Ratio i | 机型号 Type Type | 功率 Power kW/4p |
|--------------------------------|-------------------------------|-------------------|-----------------------|----------------------|--------------------------------|-------------------------------|-------------------|-------------------------|----------------------|
| 32000 | 0.42 | 3359 | K 167R97 KA 167R97 | 2.2 | 50000 | 2.0 | 720 | K 187R107 KA 187R107 | 15 |
| | 0.52 | 2741 | | | | 2.4 | 614 | | |
| | 0.63 | 2252 | | 3 | | 2.9 | 514 | | 18.5 |
| | 0.65 | 2174 | | 4 | | 3.3 | 449 | | 30 |
| | 0.85 | 1698 | | 5.5 | | 4.0 | 365 | | 37 |
| | 1.0 | 1402 | | 7.5 | | 5.5 | 268 | | 45 |
| | 1.1 | 1291 | | 11 | | 6.5 | 227 | | |
| | 1.3 | 1101 | | 15 | | 7.4 | 199 | | |
| | 1.5 | 944 | | 18.5 | | 8.8 | 168 | | |
| | 1.7 | 843 | | 22 | | | | | |
| | 1.9 | 757 | 30 | | | | | | |
| | 2.6 | 561 | 37 | | | | | | |
| | 3.0 | 479 | 45 | | | | | | |
| | 3.4 | 422 | | | | | | | |
| | 3.9 | 367 | | | | | | | |
| | 4.7 | 313 | | | | | | | |
| | 5.4 | 273 | | | | | | | |
| | 5.9 | 250 | | | | | | | |
| | 6.7 | 218 | | | | | | | |
| | 7.2 | 203 | | | | | | | |
| 7.9 | 185 | | | | | | | | |
| 9.0 | 163 | | | | | | | | |
| 11 | 139 | | | | | | | | |
| 12 | 121 | | | | | | | | |
| 50000 | 0.04 | 32625 | K 187R97 KA 187R97 | 0.55 | | | | | |
| | 0.05 | 27165 | | | | | | | |
| | 0.06 | 24353 | | | | | | | |
| | 0.07 | 19144 | | | | | | | |
| | 0.08 | 16978 | | | | | | | |
| | 0.10 | 14272 | | | 0.75 | | | | |
| | 0.11 | 13116 | | | | | | | |
| | 0.12 | 11647 | | | | | | | |
| | 0.13 | 10413 | | | | | | | |
| | 0.15 | 9363 | | | | | | | |
| | 0.17 | 8126 | | 1.1 | | | | | |
| | 0.19 | 7333 | | | | | | | |
| | 0.21 | 6738 | | | | | | | |
| | 0.24 | 5984 | | | | | | | |
| | 0.27 | 5350 | | | | | | | |
| | 0.30 | 4810 | | 2.2 | | | | | |
| | 0.33 | 4364 | | | | | | | |
| | 0.39 | 3609 | | | | | | | |
| | 0.46 | 3062 | | | | | | | |
| | 0.56 | 2519 | | | | | | | |
| 0.63 | 2268 | | 4 | | | | | | |
| 0.69 | 2054 | | | | | | | | |
| 0.78 | 1821 | | | | | | | | |
| 0.88 | 1605 | | | | | | | | |
| 1.0 | 1395 | | | | | | | | |
| 1.2 | 1196 | | 5.5 | | | | | | |
| 2.0 | 737 | | | | | | | | |
| 2.4 | 619 | | | | | | | | |
| 2.8 | 524 | | | | | | | | |
| | | | | | | | | | |

K

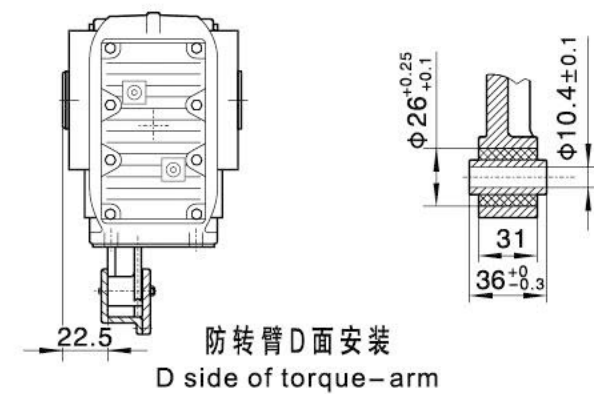
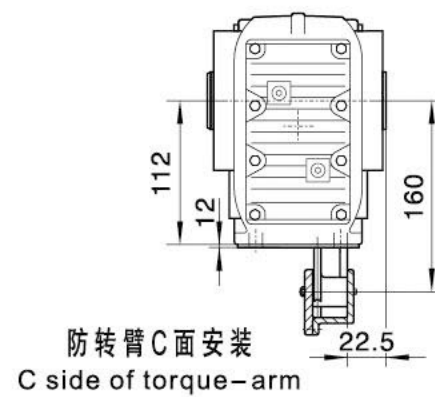
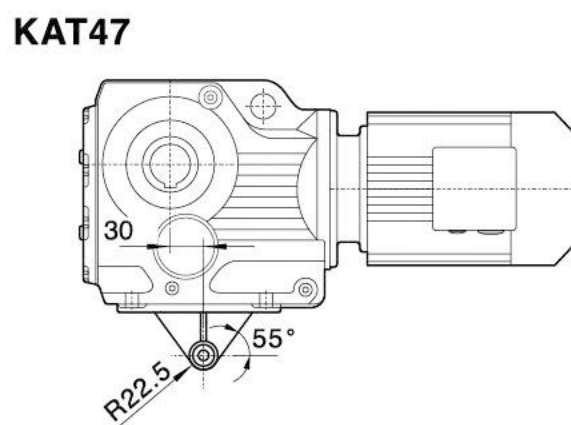
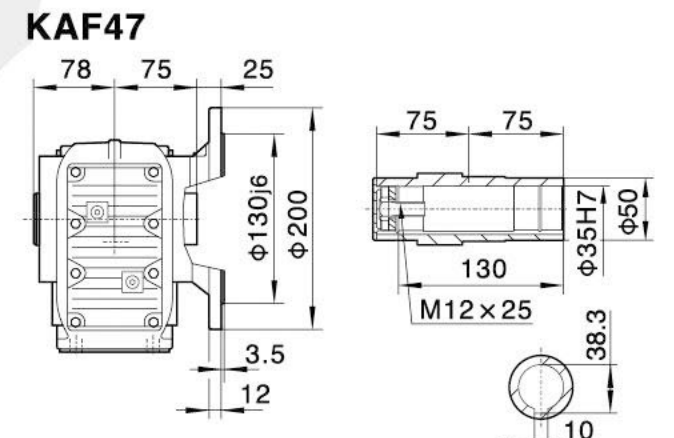
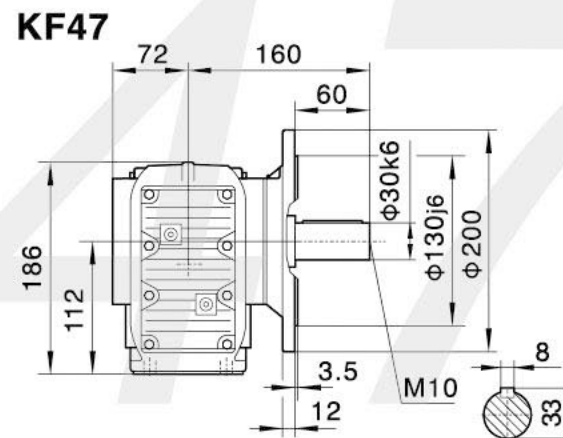
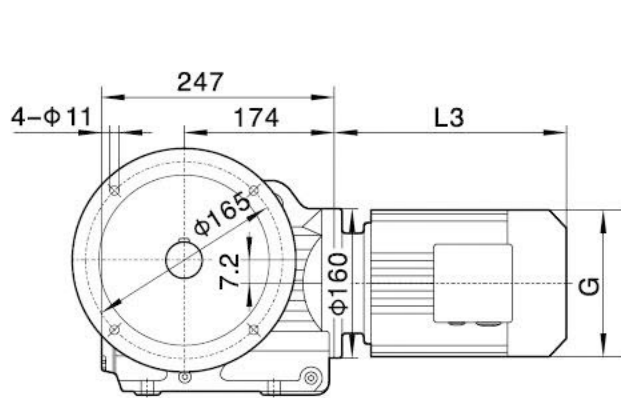
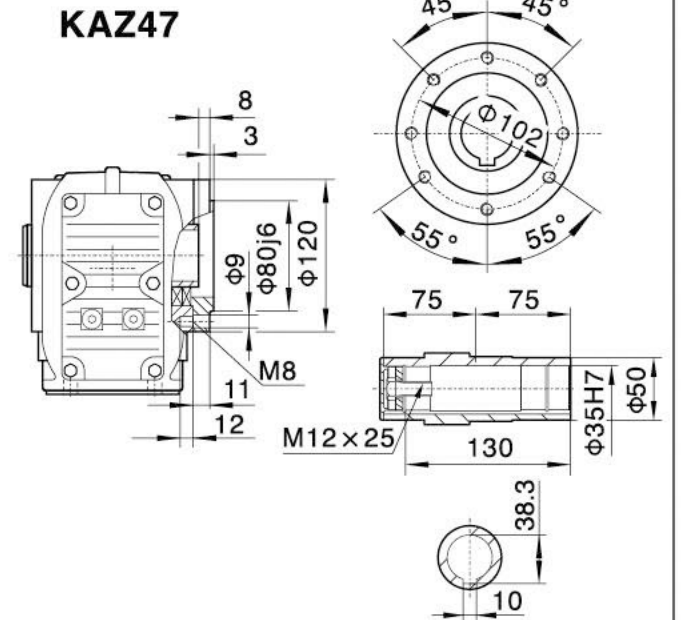
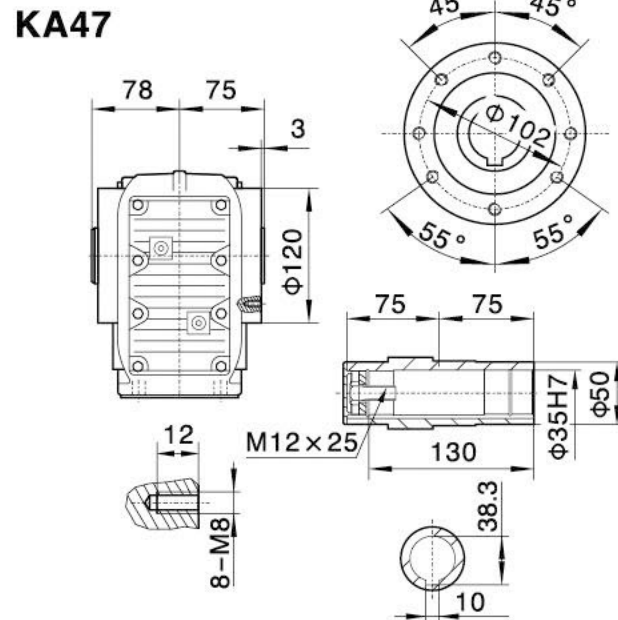
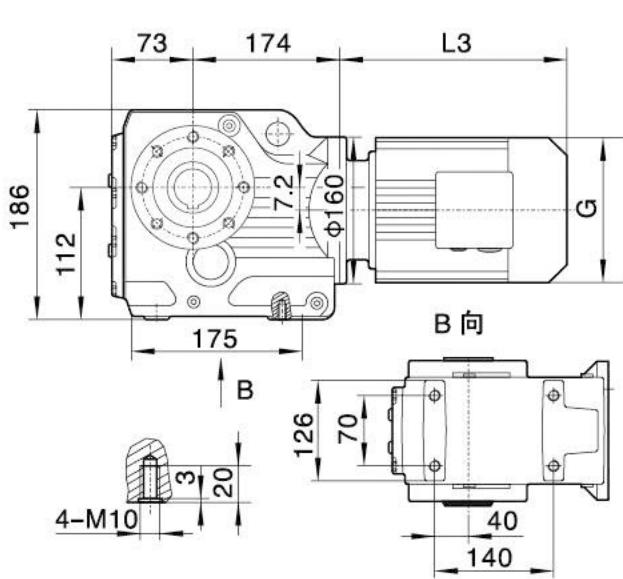
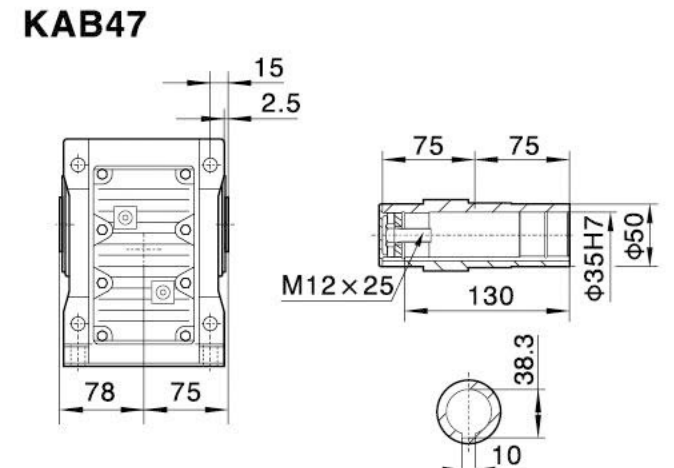
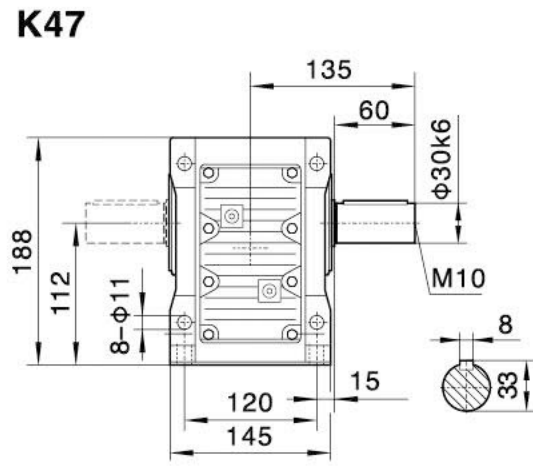
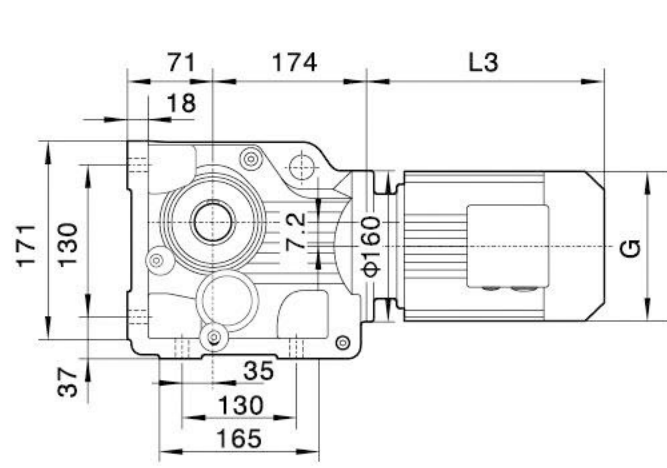
表上所配功率均有超载,按实际条件确定的转扭不得大于减速机额定转扭。 The power are all overload in the table. The decided torque according to operating condition should not more than gear units' nominal torque.



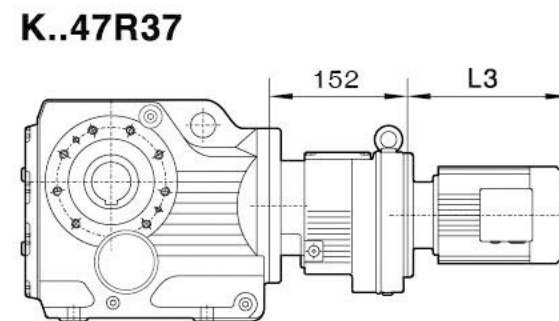
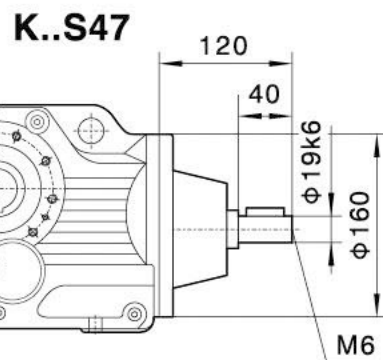
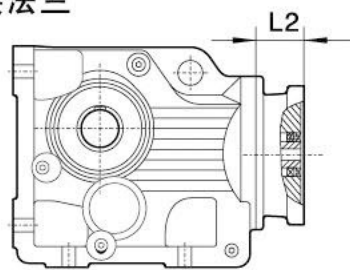
K



K



电机需方配或配特殊电机时需加联接法兰

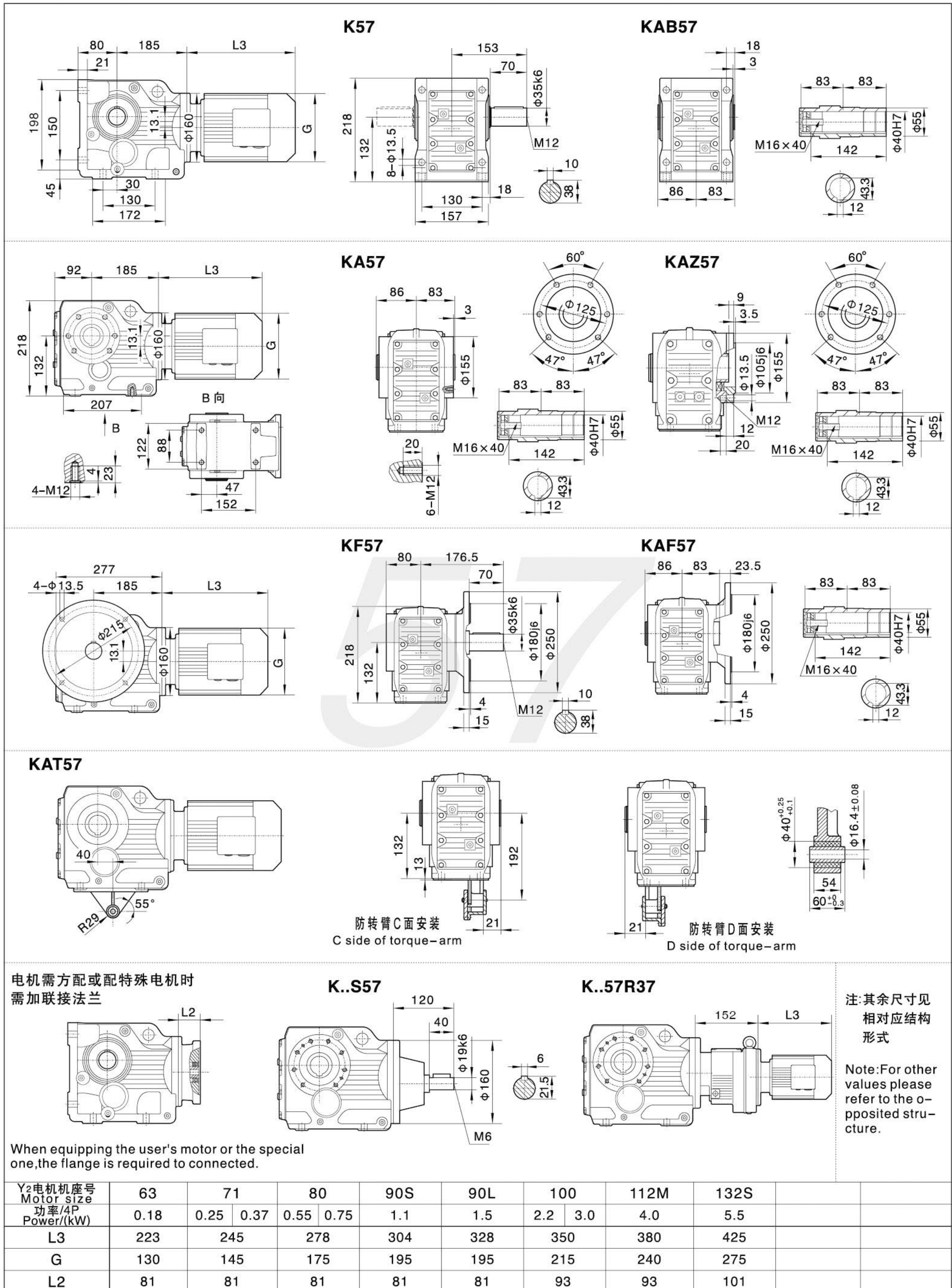


注:其余尺寸见相对应结构形式
Note:For other values please refer to the opposite structure.

When equipping the user's motor or the special one, the flange is required to connected.

| Y2电机机座号 Motor size | 63 | 71 | 80 | 90S | 90L | 100 | 112M | 132S |
|-----------------------|------|-----------|-----------|-----|-----|---------|------|------|
| 功率/4P Power/(kW) | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0 | 5.5 |
| L3 | 223 | 245 | 278 | 304 | 328 | 350 | 383 | 428 |
| G | 130 | 145 | 175 | 195 | 195 | 215 | 240 | 275 |
| L2 | 81 | 81 | 81 | 81 | 81 | 93 | 68 | 72 |

注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



K



K67

KAB67

KA67

KAZ67

KF67

KAF67

KAT67

KAF67

K..S67

K..67R37

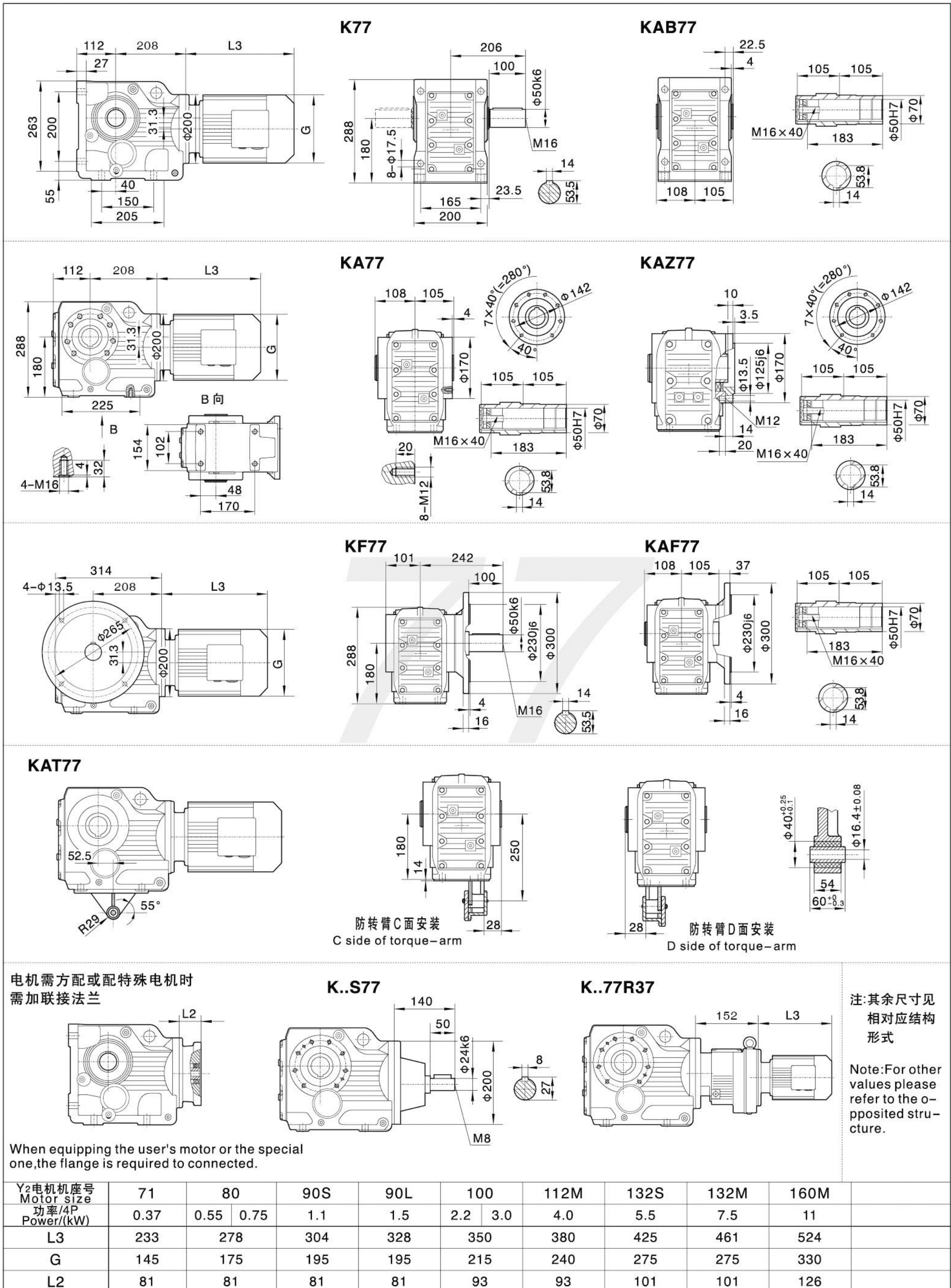
电机需方配或配特殊电机时需加联接法兰

When equipping the user's motor or the special one, the flange is required to connected.

注:其余尺寸见相对应结构形式
Note: For other values please refer to the opposite structure.

| Y2电机机座号 Motor size | 63 | 71 | | 80 | | 90S | 90L | 100 | | 112M | 132S |
|-----------------------|------|------|------|------|------|-----|-----|-----|-----|------|------|
| 功率/4P Power/(kW) | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.1 | 1.5 | 2.2 | 3.0 | 4.0 | 5.5 |
| L3 | 223 | 245 | 278 | 304 | 328 | 350 | 380 | 425 | | | |
| G | 130 | 145 | 175 | 195 | 195 | 215 | 240 | 275 | | | |
| L2 | 81 | 81 | 81 | 81 | 81 | 93 | 93 | 101 | | | |

注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



K

电机需方配或配特殊电机时
需加联接法兰

When equipping the user's motor or the special
one,the flange is required to connected.

| Y ₂ 电机机座号 Motor size | 71 | 80 | 90S | 90L | 100 | 112M | 132S | 132M | 160M |
|------------------------------------|------|-----------|-----|-----|---------|------|------|------|------|
| 功率/4P Power/(kW) | 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0 | 5.5 | 7.5 | 11 |
| L3 | 233 | 278 | 304 | 328 | 350 | 380 | 425 | 461 | 524 |
| G | 145 | 175 | 195 | 195 | 215 | 240 | 275 | 275 | 330 |
| L2 | 81 | 81 | 81 | 81 | 93 | 93 | 101 | 101 | 126 |

注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



K87

KAB87

KA87

KAZ87

KF87

KAF87

KAT87

KAF87

K..S87

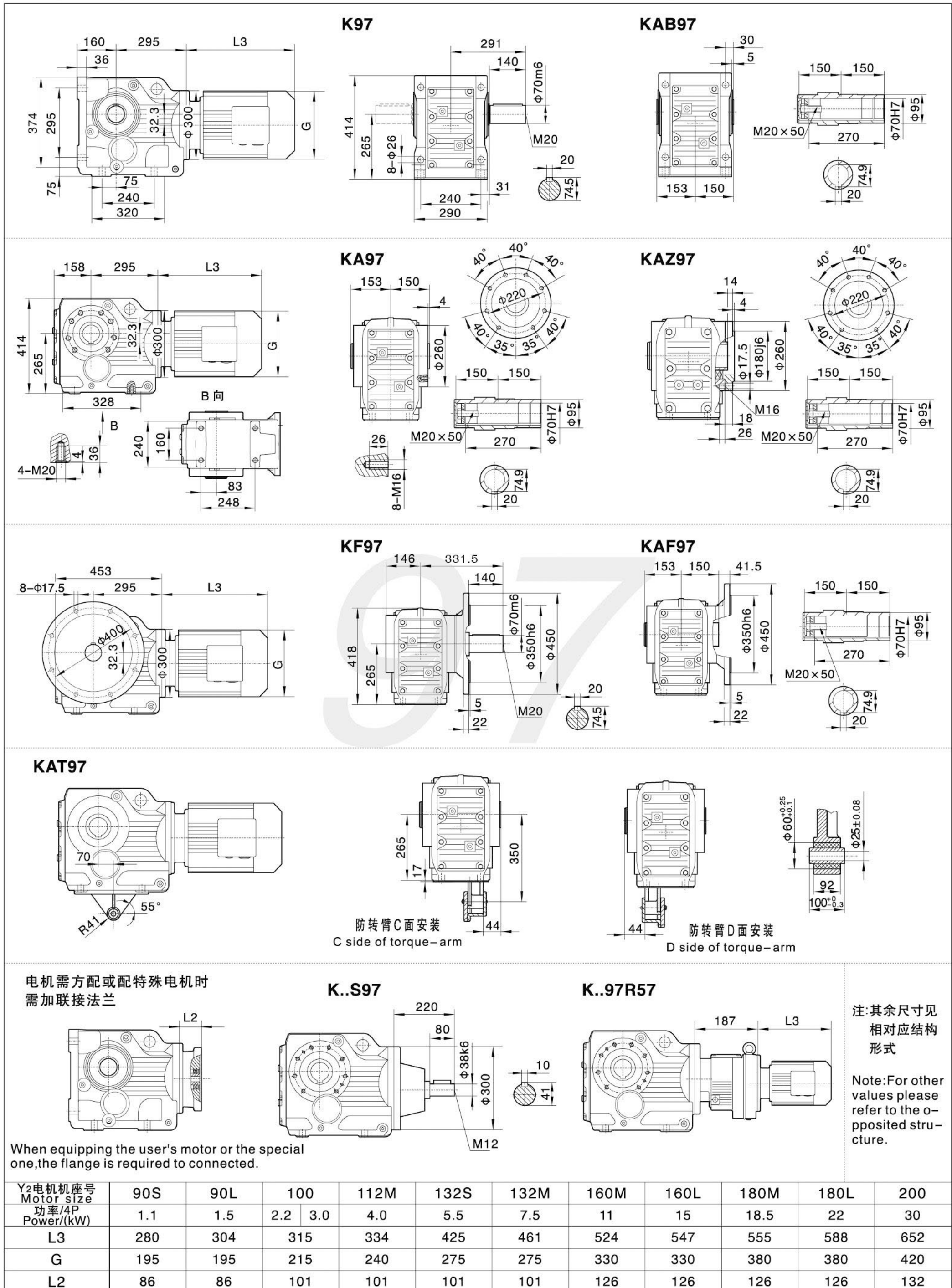
K..87R57

电机需方配或配特殊电机时需加联接法兰

When equipping the user's motor or the special one, the flange is required to be connected.

| Y2电机机座号 Motor size 功率/4P Power/(kW) | 80 | 90S | 90L | 100 | 112M | 132S | 132M | 160M | 160L | 180M | 180L |
|--|-----|-----|-----|-----|------|------|------|------|------|------|------|
| L3 | 246 | 280 | 304 | 350 | 380 | 425 | 461 | 524 | 547 | 583 | 616 |
| G | 175 | 195 | 195 | 215 | 240 | 275 | 275 | 330 | 330 | 380 | 380 |
| L2 | 86 | 86 | 86 | 71 | 71 | 101 | 101 | 126 | 126 | 126 | 126 |

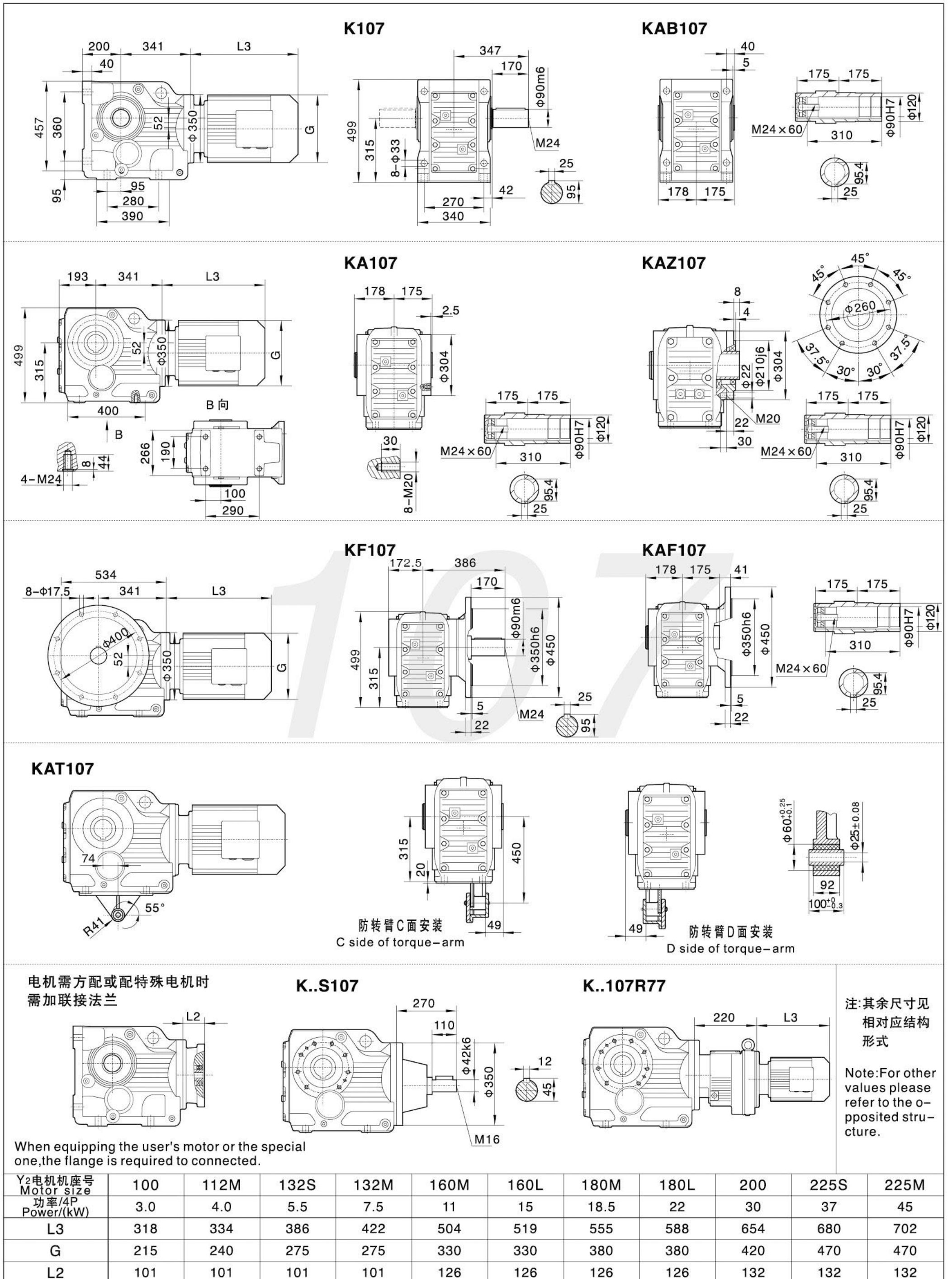
注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



K

注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



注:1.KA、KF、KAF、KAZ壳体为通用件,安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



K127

KA(KAB)127

KAZ127

KA127/KAF127/KAZ127 空心轴/Hollow shaft

KF127

KAF127

KAT127

防转臂C面安装
C side of torque-arm

防转臂D面安装
D side of torque-arm

电机需方配或配特殊电机时
需加联接法兰

K..S127

K..127R77(R87)

注:其余尺寸见
相对应结构
形式

Note:For other
values please
refer to the o-
pposited stru-
cture.

When equipping the user's motor or the special one,the flange is required to connected.

| | K..127R77 | | | K..127R87 | | |
|------------------------------------|-----------|------|------|-----------|------|------|
| L | 220 | 225 | 250 | 272 | 280S | 280M |
| Y ₂ 电机机座号 Motor size | 132M | 160M | 160L | 180M | 180L | 200 |
| 功率/4P Power/(kW) | 7.5 | 11 | 15 | 18.5 | 22 | 30 |
| L3 | 424 | 567 | 602 | 583 | 616 | 654 |
| G | 275 | 330 | 330 | 380 | 380 | 420 |
| L2 | 132 | 132 | 132 | 132 | 132 | 132 |

注:1.以上壳体为通用件, 安装尺寸均可相互参照。
Note:1.The housings of KA, KF, KAF, KAZ are common parts.The mounting dimensions may consult each other.

2."K.."表示K, KA, KF, KAF, KAZ, KAB.
2."K.."mean K, KA, KF, KAF, KAZ, KAB.

K



K157

KA(KAB)157

KAZ157

KA157/KAF157/KAZ157 空心轴/Hollow shaft

KF157

KAF157

KAT157

防转臂C面安装
C side of torque-arm

防转臂D面安装
D side of torque-arm

电机需方配或配特殊电机时需加联接法兰

K..S157

K..157R97(R107)

注:其余尺寸见相对应结构形式
Note:For other values please refer to the opposed structure.

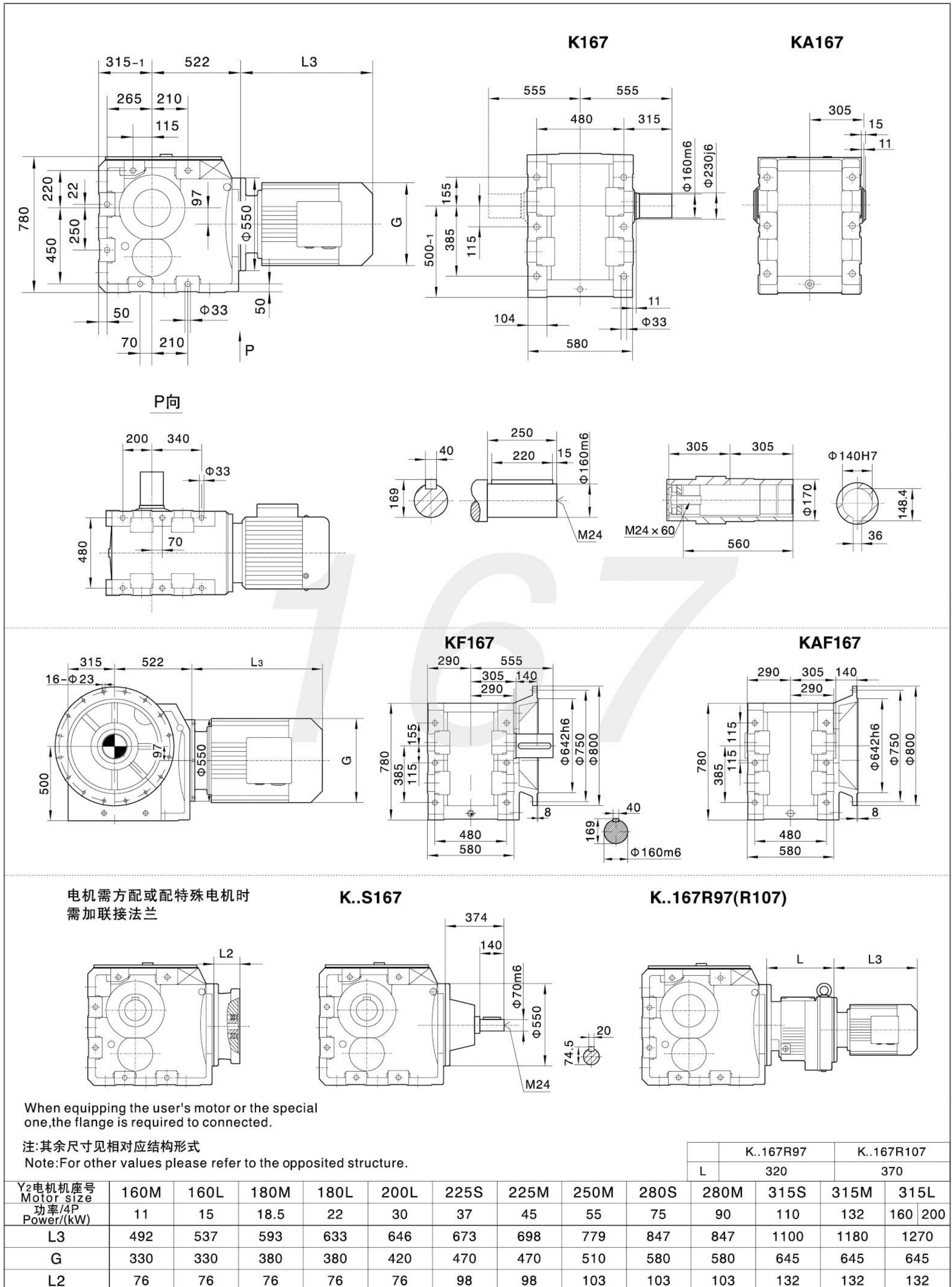
When equipping the user's motor or the special one,the flange is required to connected.

| | K..157R97 | | | K..157R107 | | | | | | | | | |
|------------------------------------|-----------|------|------|------------|-----|------|------|-----|------|------|------|------|------|
| L | 320 | | | 361 | | | | | | | | | |
| Y ₂ 电机机座号 Motor size | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250 | 280S | 280M | 315S | 315M | 315L |
| 功率/4P Power/(kW) | 11 | 15 | 18.5 | 22 | 30 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 |
| L3 | 567 | 602 | 635 | 666 | 642 | 669 | 691 | 770 | 828 | 879 | 1100 | 1180 | 1270 |
| G | 330 | 330 | 380 | 380 | 420 | 470 | 470 | 510 | 580 | 580 | 645 | 645 | 645 |
| L2 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 145 | 145 | 145 |

注:1.以上壳体为通用件, 安装尺寸均可相互参照。

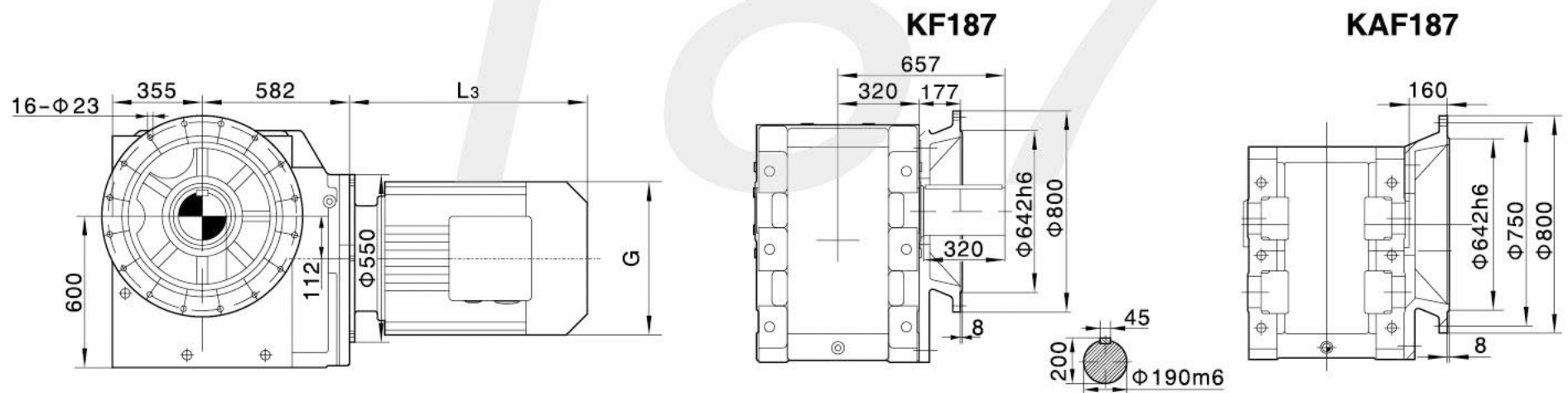
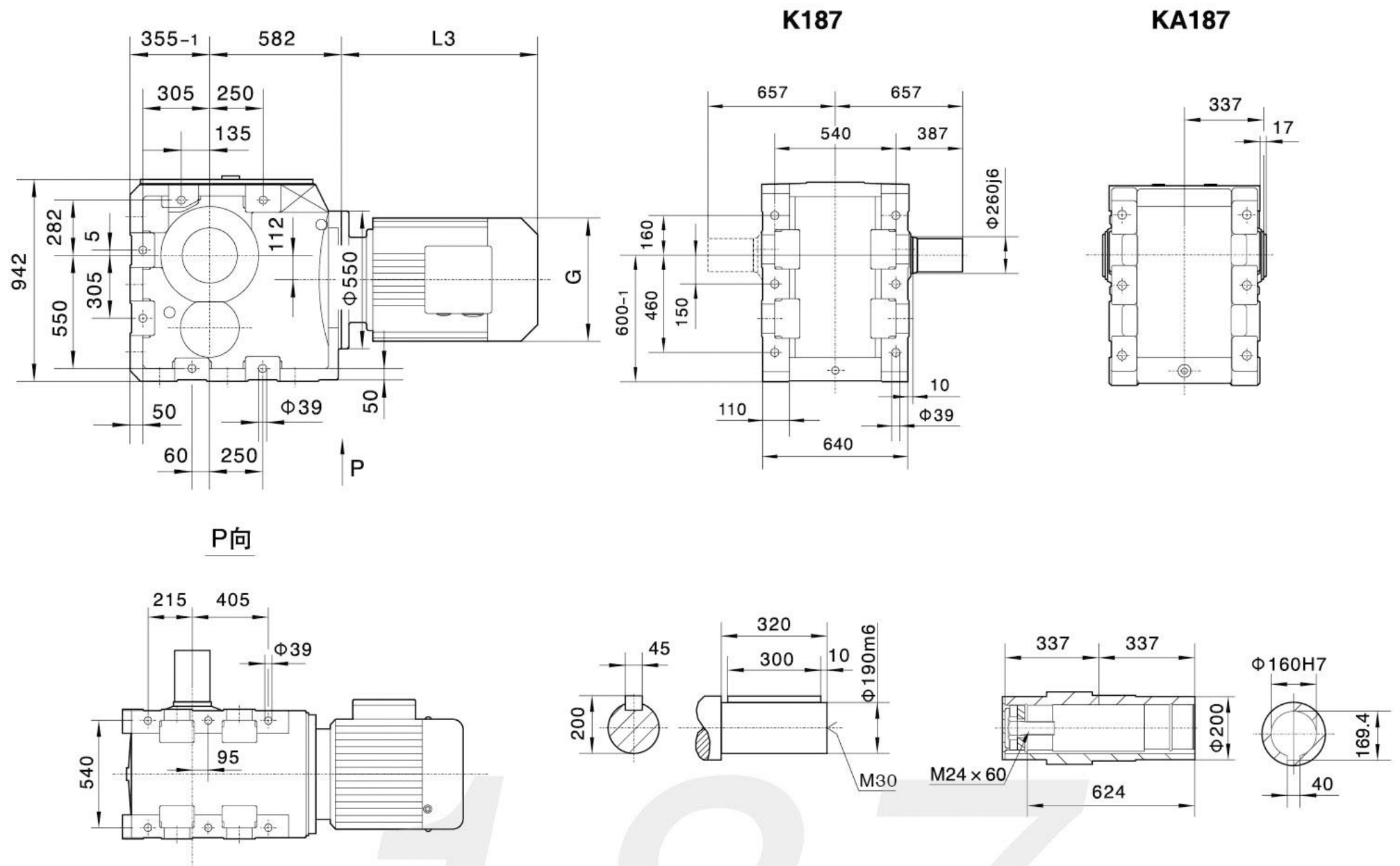
2."K.."表示K, KA, KF, KAF, KAZ, KAB.

Note:1.The housings of KA, KF, KAF, KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K, KA, KF, KAF, KAZ, KAB.

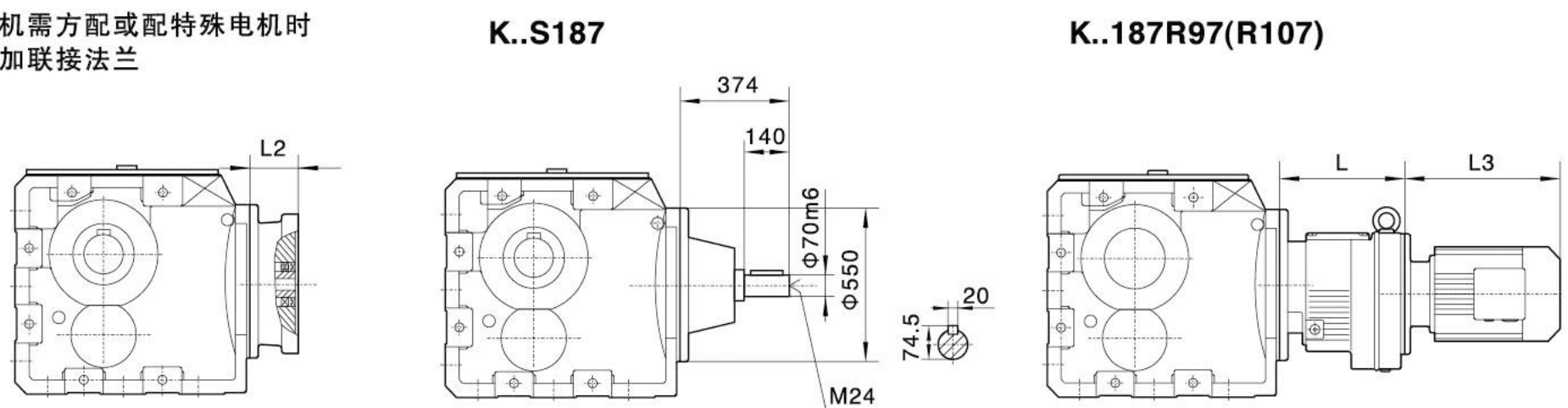


K

注:1.以上壳体为通用件, 安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。
Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



电机需方配或配特殊电机时需加联接法兰



When equipping the user's motor or the special one, the flange is required to connected.

注:其余尺寸见相对应结构形式

Note:For other values please refer to the opposited structure.

| Y ₂ 电机机座号 Motor size | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | K..187R97 | | K..187R107 | | |
|------------------------------------|------|------|------|------|------|------|------|------|------|-----------|------|------------|------|-----|
| | | | | | | | | | | L | 320 | 361 | | |
| 功率/4P Power/(kW) | 11 | 15 | 18.5 | 22 | 30 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 | 200 |
| L3 | 492 | 537 | 593 | 633 | 646 | 673 | 698 | 779 | 847 | 847 | 1100 | 1180 | 1270 | |
| G | 330 | 330 | 380 | 380 | 420 | 470 | 470 | 510 | 580 | 580 | 645 | 645 | 645 | |
| L2 | 76 | 76 | 76 | 76 | 76 | 98 | 98 | 103 | 103 | 103 | 132 | 132 | 132 | |

注:1.以上壳体为通用件, 安装尺寸均可相互参照。

2."K.."表示K、KA、KF、KAF、KAZ、KAB.

Note:1.The housings of KA、KF、KAF、KAZ are common parts.The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.