



گیپ بکس پارس گج

سری R



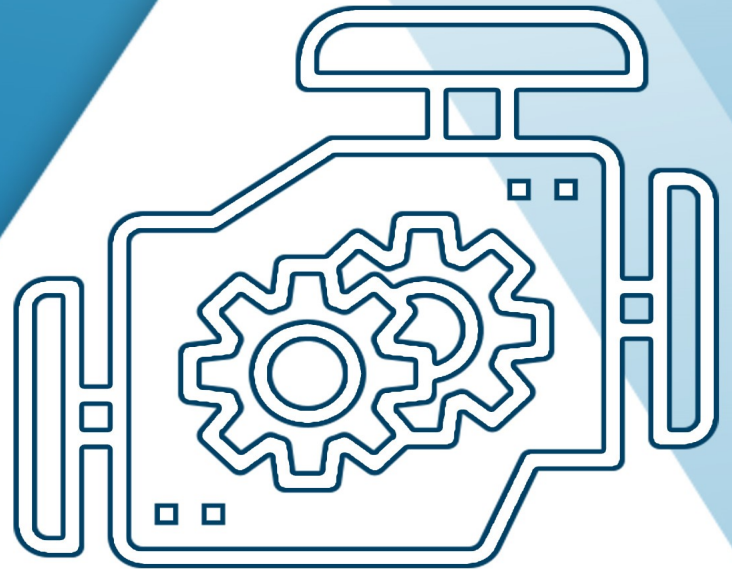
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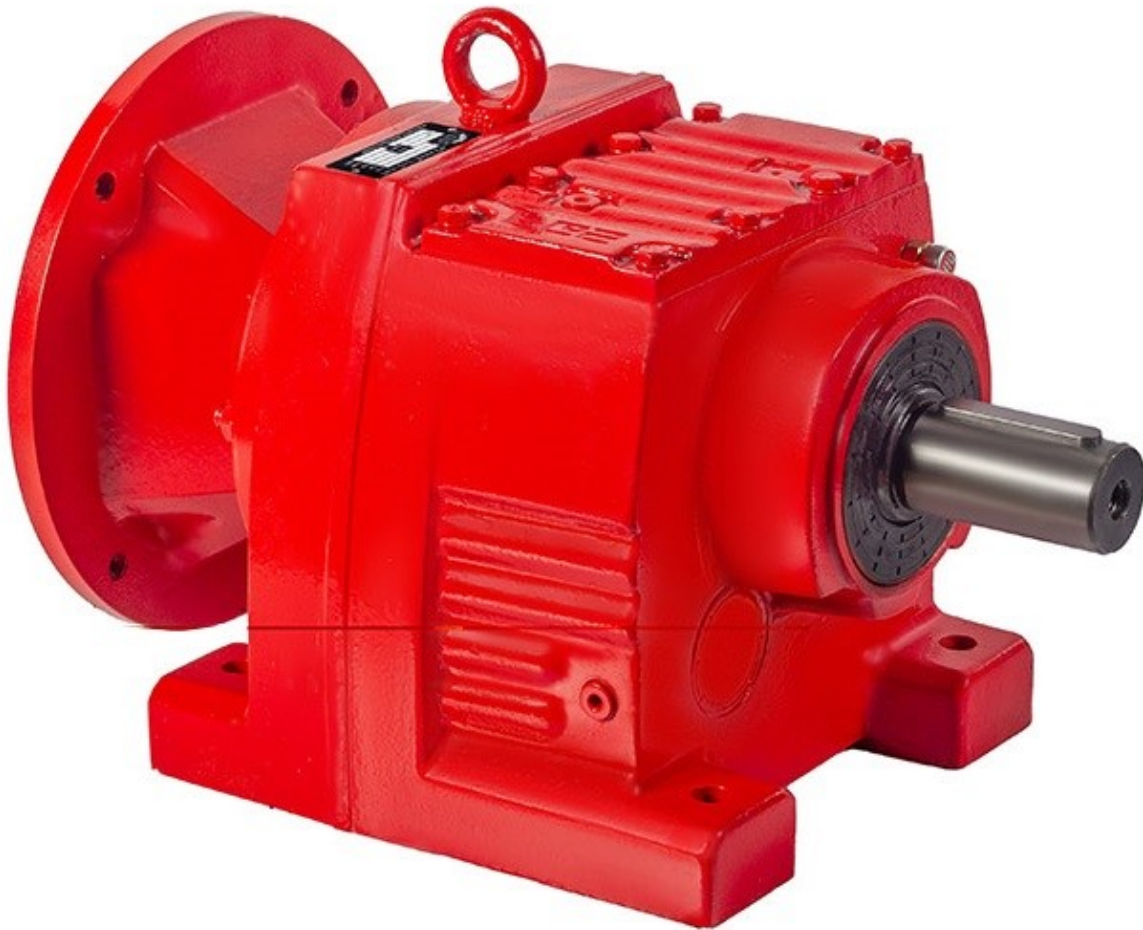
Catalog 2021

GEARBOX

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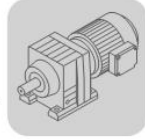


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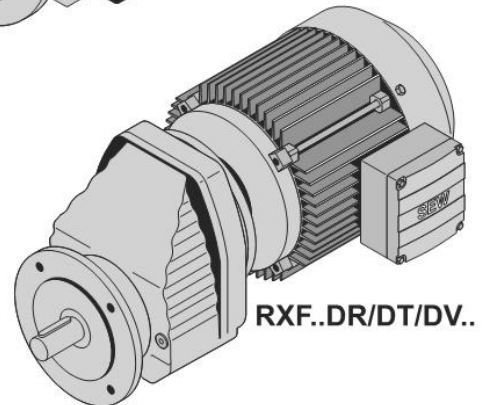
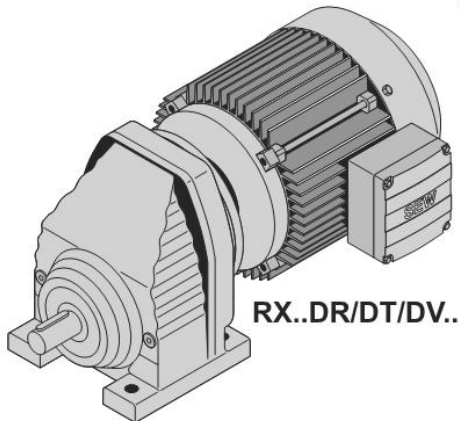
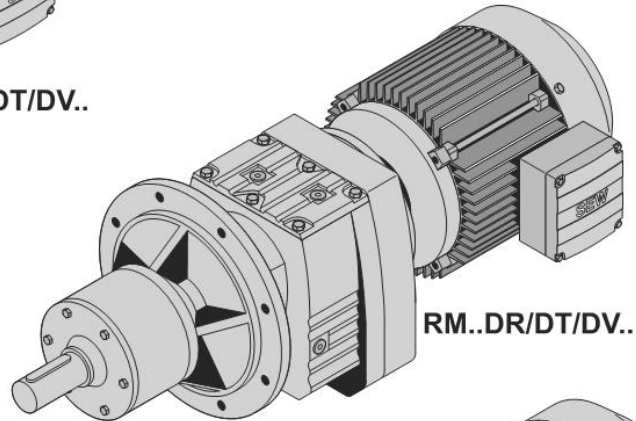
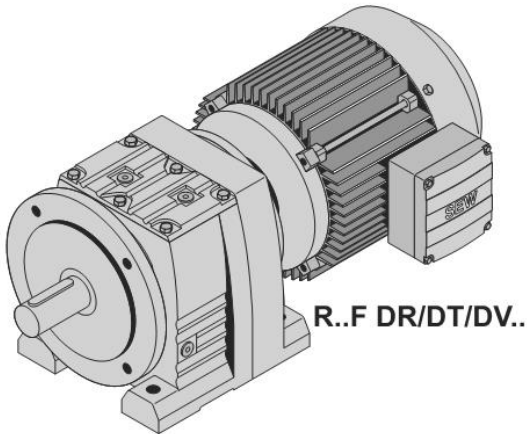
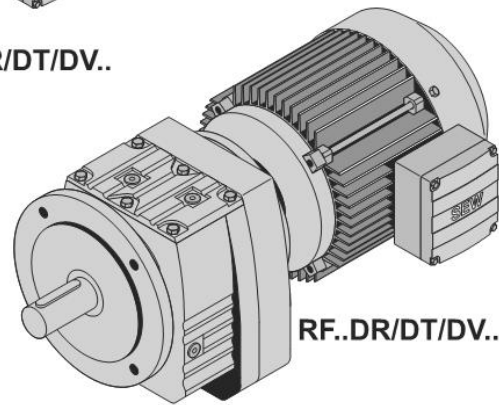
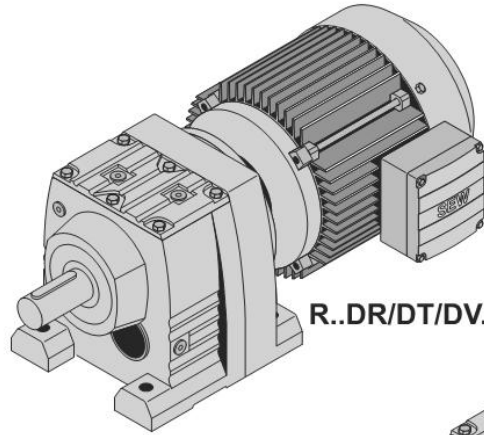
Gearbox

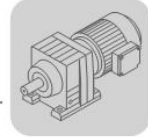
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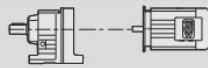

8 R..DR/DT/DV

8.1 R, RF, R..F, RM, RX, RXF..DR/DT/DV

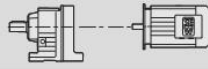



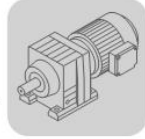


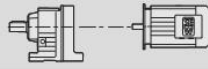

8.3 R..D.. [kW]

| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.09 | 17 | 52 | 78.24 | 1490 | 0.95 | | | | | | |
| | 18 | 47 | 71.47 | 1520 | 1.05 | | | | | | |
| | 22 | 40 | 60.32 | 1570 | 1.25 | | | | | | |
| | 25 | 34 | 51.52 | 1590 | 1.45 | | | | | | |
| | 27 | 32 | 47.78 | 1600 | 1.60 | | | | | | |
| | 29 | 29 | 44.16 | 1610 | 1.70 | | | | | | |
| | 31 | 27 | 41.31 | 1600 | 1.85 | R | 07 | DT | 56M4 | 5.9 | 218 |
| | 32 | 27 | 40.34 | 1590 | 1.85 | RF | 07 | DT | 56M4 | 5.9 | 219 |
| | 34 | 26 | 38.51 | 1570 | 1.95 | | | | | | |
| | 38 | 23 | 34.05 | 1520 | 2.2 | | | | | | |
| | 45 | 19 | 29.08 | 1460 | 2.6 | | | | | | |
| | 48 | 18 | 26.97 | 1430 | 2.8 | | | | | | |
| | 56 | 15 | 23.32 | 1370 | 3.3 | | | | | | |
| | 60 | 14 | 21.73 | 1350 | 3.5 | | | | | | |
| | 71 | 12 | 18.31 | 1280 | 4.1 | | | | | | |
| | 78 | 11 | 16.73 | 1250 | 4.5 | | | | | | |
| | 92 | 9.3 | 14.12 | 1190 | 5.4 | | | | | | |
| | 108 | 8.0 | 12.06 | 1140 | 6.3 | | | | | | |
| | 116 | 7.4 | 11.18 | 1110 | 6.8 | | | | | | |
| | 134 | 6.4 | 9.67 | 1060 | 7.8 | | | | | | |
| 144 | 6.0 | 9.01 | 1040 | 8.3 | | | | | | | |
| 166 | 5.2 | 7.85 | 1000 | 9.4 | R | 07 | DT | 56M4 | 5.7 | 218 | |
| 174 | 4.9 | 7.48 | 980 | 8.8 | RF | 07 | DT | 56M4 | 5.7 | 219 | |
| 190 | 4.5 | 6.83 | 960 | 9.6 | | | | | | | |
| 226 | 3.8 | 5.76 | 910 | 11 | | | | | | | |
| 264 | 3.3 | 4.92 | 860 | 11 | | | | | | | |
| 285 | 3.0 | 4.57 | 840 | 12 | | | | | | | |
| 329 | 2.6 | 3.95 | 810 | 13 | | | | | | | |
| 353 | 2.4 | 3.68 | 790 | 14 | | | | | | | |
| 405 | 2.1 | 3.21 | 755 | 15 | | | | | | | |
| 0.12 | 0.06 | 13300 | 21342 | 62000 | 1.00 | R | 147 R77 | DR | 63S4 | 420 | 246 |
| | 0.08 | 11400 | 18210 | 65700 | 1.15 | RF | 147 R77 | DR | 63S4 | 430 | 246 |
| | 0.09 | 9930 | 15923 | 67900 | 1.30 | | | | | | |
| | 0.10 | 8780 | 14075 | 69400 | 1.50 | | | | | | |
| | 0.11 | 7650 | 12344 | 70700 | 1.70 | | | | | | |
| | 0.12 | 6740 | 11143 | 71600 | 1.95 | | | | | | |
| | 0.14 | 6040 | 9743 | 72200 | 2.2 | R | 147 R77 | DR | 63S4 | 420 | 246 |
| | 0.16 | 4830 | 8443 | 73100 | 2.7 | RF | 147 R77 | DR | 63S4 | 430 | 246 |
| | 0.19 | 4180 | 7307 | 73400 | 3.1 | | | | | | |
| | 0.21 | 3690 | 6447 | 73700 | 3.5 | | | | | | |
| | 0.25 | 3190 | 5568 | 73900 | 4.1 | | | | | | |
| | 0.11 | 8060 | 12921 | 53300 | 1.00 | | | | | | |
| | 0.12 | 7260 | 11712 | 54900 | 1.10 | | | | | | |
| | 0.13 | 6390 | 10573 | 56400 | 1.25 | | | | | | |
| | 0.16 | 5030 | 8784 | 58400 | 1.60 | R | 137 R77 | DR | 63S4 | 290 | 246 |
| | 0.18 | 4090 | 7479 | 59400 | 1.95 | RF | 137 R77 | DR | 63S4 | 310 | 246 |
| | 0.21 | 4060 | 6559 | 59400 | 1.95 | | | | | | |
| | 0.24 | 3190 | 5834 | 60200 | 2.5 | | | | | | |
| | 0.27 | 3170 | 5116 | 60200 | 2.5 | | | | | | |
| | 0.18 | 4410 | 7583 | 28800 | 0.95 | | | | | | |
| 0.20 | 3690 | 6743 | 32400 | 1.15 | | | | | | | |
| 0.23 | 3660 | 5914 | 32500 | 1.15 | | | | | | | |
| 0.27 | 2830 | 5168 | 35500 | 1.50 | R | 107 R77 | DR | 63S4 | 200 | 246 | |
| 0.31 | 2540 | 4435 | 36100 | 1.70 | RF | 107 R77 | DR | 63S4 | 210 | 246 | |
| 0.35 | 2270 | 3896 | 36500 | 1.90 | | | | | | | |
| 0.45 | 1880 | 3039 | 36900 | 2.3 | | | | | | | |
| 0.35 | 2470 | 3918 | 36200 | 1.75 | | | | | | | |
| 0.41 | 2110 | 3343 | 36700 | 2.0 | | | | | | | |
| 0.45 | 1910 | 3034 | 36900 | 2.3 | R | 107 R77 | DR | 63S4 | 195 | 246 | |
| 0.52 | 1670 | 2653 | 37100 | 2.6 | RF | 107 R77 | DR | 63S4 | 200 | 246 | |
| 0.61 | 1440 | 2280 | 37300 | 3.0 | | | | | | | |
| 0.67 | 1300 | 2067 | 37400 | 3.3 | | | | | | | |
| 0.30 | 3050 | 4559 | 17700 | 1.00 | R | 97 R57 | DR | 63S4 | 130 | 246 | |
| 0.34 | 2570 | 4004 | 23700 | 1.15 | RF | 97 R57 | DR | 63S4 | 145 | 246 | |
| 0.40 | 2270 | 3481 | 25200 | 1.30 | | | | | | | |





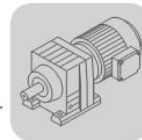
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|------|----------------------|-----------|--|-------------|---|---------|
| 0.12 | 0.29 | 3240 | 4678 | 4840 | 0.95 | | | | |
| | 0.32 | 2980 | 4309 | 20400 | 1.00 | | | | |
| | 0.37 | 2560 | 3702 | 23700 | 1.15 | | | | |
| | 0.46 | 2080 | 3019 | 26100 | 1.45 | R | 97 R57 | DR 63S4 | 125 246 |
| | 0.52 | 1810 | 2668 | 27100 | 1.65 | RF | 97 R57 | DR 63S4 | 145 246 |
| | 0.61 | 1480 | 2245 | 27700 | 2.0 | | | | |
| | 0.68 | 1310 | 2016 | 27900 | 2.3 | | | | |
| | 0.80 | 1200 | 1733 | 28000 | 2.5 | | | | |
| | 0.45 | 2120 | 3065 | 25900 | 1.40 | | | | |
| | 0.51 | 1880 | 2722 | 26800 | 1.60 | | | | |
| | 0.60 | 1590 | 2311 | 27500 | 1.90 | | | | |
| | 0.66 | 1430 | 2078 | 27700 | 2.1 | R | 97 R57 | DR 63S4 | 130 246 |
| | 0.76 | 1240 | 1823 | 28000 | 2.4 | RF | 97 R57 | DR 63S4 | 145 246 |
| | 0.87 | 1070 | 1583 | 28200 | 2.8 | | | | |
| | 0.99 | 910 | 1396 | 28300 | 3.3 | | | | |
| | 1.1 | 775 | 1228 | 28400 | 3.9 | | | | |
| | 0.48 | 1770 | 2873 | 15200 | 0.90 | R | 87 R57 | DR 63S4 | 86 246 |
| | 0.70 | 1300 | 1961 | 18500 | 1.20 | RF | 87 R57 | DR 63S4 | 93 246 |
| | 0.53 | 1790 | 2595 | 15000 | 0.85 | | | | |
| | 0.65 | 1430 | 2129 | 17700 | 1.10 | R | 87 R57 | DR 63S4 | 85 246 |
| | 0.72 | 1270 | 1930 | 18600 | 1.20 | RF | 87 R57 | DR 63S4 | 92 246 |
| | 0.80 | 1120 | 1733 | 19300 | 1.40 | | | | |
| | 0.79 | 1150 | 1737 | 19200 | 1.35 | | | | |
| | 0.91 | 1010 | 1524 | 19800 | 1.55 | | | | |
| | 1.1 | 810 | 1303 | 20000 | 1.90 | | | | |
| | 1.2 | 710 | 1143 | 20000 | 2.2 | R | 87 R57 | DR 63S4 | 85 246 |
| | 1.6 | 585 | 885 | 20000 | 2.7 | RF | 87 R57 | DR 63S4 | 92 246 |
| | 1.8 | 515 | 776 | 20000 | 3.0 | | | | |
| | 2.0 | 450 | 685 | 20000 | 3.4 | | | | |
| | 2.3 | 360 | 599 | 20000 | 4.3 | | | | |
| | 1.1 | 940 | 1303 | 8660 | 0.85 | | | | |
| | 1.2 | 800 | 1124 | 10100 | 1.05 | R | 77 R37 | DR 63S4 | 45 246 |
| | 1.3 | 740 | 1047 | 10600 | 1.10 | RF | 77 R37 | DR 63S4 | 51 246 |
| | 1.5 | 640 | 915 | 11300 | 1.30 | | | | |
| | 1.1 | 820 | 1218 | 9910 | 1.00 | | | | |
| | 1.3 | 740 | 1084 | 10600 | 1.10 | | | | |
| | 1.5 | 665 | 940 | 11200 | 1.25 | R | 77 R37 | DR 63S4 | 46 246 |
| | 1.7 | 525 | 821 | 12000 | 1.55 | RF | 77 R37 | DR 63S4 | 52 246 |
| | 1.9 | 480 | 731 | 12200 | 1.70 | | | | |
| | 2.1 | 460 | 646 | 12300 | 1.80 | | | | |
| | 2.6 | 380 | 520 | 12600 | 2.2 | | | | |
| | 3.1 | 325 | 451 | 12700 | 2.5 | R | 77 R37 | DR 63S4 | 45 246 |
| | 3.3 | 300 | 422 | 12800 | 2.7 | RF | 77 R37 | DR 63S4 | 51 246 |
| | 3.8 | 255 | 365 | 12900 | 3.2 | | | | |
| | 1.6 | 630 | 891 | 7190 | 0.95 | | | | |
| | 1.9 | 505 | 730 | 8530 | 1.20 | R | 67 R37 | DR 63S4 | 40 246 |
| | 2.1 | 440 | 644 | 9060 | 1.35 | RF | 67 R37 | DR 63S4 | 43 246 |
| | 2.4 | 385 | 571 | 9430 | 1.55 | | | | |
| 2.8 | 320 | 486 | 9790 | 1.85 | | | | | |
| 1.7 | 590 | 836 | 7670 | 1.00 | | | | | |
| 1.8 | 495 | 750 | 8630 | 1.20 | | | | | |
| 2.1 | 440 | 646 | 9050 | 1.35 | R | 67 R37 | DR 63S4 | 41 246 | |
| 2.4 | 400 | 574 | 9330 | 1.50 | RF | 67 R37 | DR 63S4 | 44 246 | |
| 2.8 | 345 | 495 | 9660 | 1.75 | | | | | |
| 3.1 | 285 | 438 | 9940 | 2.1 | | | | | |
| 1.8 | 550 | 782 | 4650 | 0.80 | | | | | |
| 2.0 | 455 | 678 | 7070 | 1.00 | | | | | |
| 2.3 | 415 | 604 | 7260 | 1.10 | R | 57 R37 | DR 63S4 | 34 246 | |
| 2.6 | 375 | 537 | 7400 | 1.20 | RF | 57 R37 | DR 63S4 | 38 246 | |
| 2.9 | 330 | 471 | 7550 | 1.35 | | | | | |
| 3.9 | 245 | 357 | 7770 | 1.85 | | | | | |
| 4.3 | 215 | 319 | 7830 | 2.1 | | | | | |

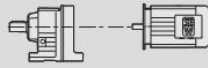



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.12 | 3.8 | 260 | 359 | 7730 | 1.75 | | | | | |
| | 4.3 | 235 | 324 | 7790 | 1.95 | | | | | |
| | 4.8 | 205 | 290 | 7840 | 2.2 | R | 57 R37 | DR 63S4 | 33 | 246 |
| | 5.3 | 185 | 262 | 7880 | 2.4 | RF | 57 R37 | DR 63S4 | 37 | 246 |
| | 5.6 | 171 | 246 | 7900 | 2.6 | | | | | |
| | 6.3 | 150 | 220 | 7930 | 3.0 | | | | | |
| | 2.7 | 345 | 510 | 4360 | 0.85 | | | | | |
| | 3.2 | 285 | 436 | 5490 | 1.05 | R | 47 R37 | DR 63S4 | 28 | 246 |
| | 3.4 | 265 | 408 | 5590 | 1.10 | RF | 47 R37 | DR 63S4 | 28 | 246 |
| | 4.0 | 220 | 344 | 5790 | 1.35 | | | | | |
| | 2.8 | 365 | 502 | 3020 | 0.80 | | | | | |
| | 3.2 | 315 | 429 | 5350 | 0.95 | | | | | |
| | 3.7 | 270 | 372 | 5580 | 1.10 | | | | | |
| | 4.0 | 250 | 348 | 5670 | 1.20 | R | 47 R37 | DR 63S4 | 28 | 246 |
| | 4.6 | 210 | 301 | 5810 | 1.40 | RF | 47 R37 | DR 63S4 | 28 | 246 |
| | 5.4 | 177 | 255 | 5930 | 1.70 | | | | | |
| | 6.0 | 156 | 228 | 5980 | 1.95 | | | | | |
| | 7.1 | 130 | 195 | 6040 | 2.3 | | | | | |
| | 4.1 | 225 | 338 | 4570 | 0.90 | | | | | |
| | 4.7 | 210 | 296 | 4790 | 0.95 | | | | | |
| | 5.3 | 184 | 259 | 5130 | 1.10 | R | 37 R17 | DR 63S4 | 17 | 246 |
| | 6.0 | 163 | 228 | 5360 | 1.25 | RF | 37 R17 | DR 63S4 | 19 | 246 |
| | 6.9 | 140 | 199 | 5550 | 1.40 | | | | | |
| | 8.0 | 123 | 172 | 5680 | 1.65 | | | | | |
| | 4.2 | 240 | 328 | 3730 | 0.85 | | | | | |
| | 4.8 | 205 | 289 | 4880 | 1.00 | | | | | |
| | 5.2 | 192 | 265 | 5040 | 1.05 | R | 37 R17 | DR 63S4 | 17 | 246 |
| | 6.1 | 156 | 226 | 5410 | 1.30 | RF | 37 R17 | DR 63S4 | 18 | 246 |
| | 6.8 | 144 | 202 | 5530 | 1.40 | | | | | |
| | 7.7 | 125 | 179 | 5660 | 1.60 | | | | | |
| | 6.0 | 158 | 229 | 4090 | 0.80 | | | | | |
| | 6.9 | 138 | 200 | 4200 | 0.95 | R | 27 R17 | DR 63S4 | 11 | 246 |
| | 7.8 | 121 | 177 | 4270 | 1.05 | RF | 27 R17 | DR 63S4 | 11 | 246 |
| | 8.3 | 116 | 166 | 4290 | 1.10 | | | | | |
| | 6.1 | 157 | 227 | 4100 | 0.85 | | | | | |
| | 6.8 | 144 | 203 | 4170 | 0.90 | R | 27 R17 | DR 63S4 | 11 | 246 |
| | 7.7 | 125 | 179 | 4260 | 1.05 | RF | 27 R17 | DR 63S4 | 11 | 246 |
| | 8.8 | 106 | 156 | 4330 | 1.25 | | | | | |
| | 4.6 | 250 | 195.24* | 12900 | 3.3 | R | 77 | DR 63M6 | 37 | 232 |
| | 5.4 | 210 | 166.59 | 13000 | 3.9 | RF | 77 | DR 63M6 | 43 | 233 |
| | 6.2 | 186 | 145.67 | 13000 | 4.4 | | | | | |
| | 4.5 | 255 | 199.81 | 10100 | 2.4 | | | | | |
| | 4.9 | 235 | 184.07 | 10100 | 2.6 | | | | | |
| | 5.7 | 200 | 158.14 | 10300 | 3.0 | R | 67 | DR 63M6 | 30 | 230 |
| | 6.5 | 175 | 137.67 | 10300 | 3.4 | RF | 67 | DR 63M6 | 33 | 231 |
| | 7.0 | 164 | 128.97 | 10400 | 3.7 | | | | | |
| | 7.9 | 145 | 113.94 | 10400 | 4.1 | | | | | |
| | 6.9 | 166 | 199.81 | 10300 | 3.6 | R | 67 | DR 63S4 | 30 | 230 |
| 7.5 | 153 | 184.07 | 10400 | 3.9 | RF | 67 | DR 63S4 | 33 | 231 | |
| 4.8 | 240 | 186.89 | 7780 | 1.90 | | | | | | |
| 5.2 | 220 | 172.17 | 7820 | 2.1 | | | | | | |
| 6.1 | 188 | 147.92 | 7870 | 2.4 | | | | | | |
| 7.0 | 164 | 128.77 | 7910 | 2.7 | R | 57 | DR 63M6 | 23 | 228 | |
| 7.5 | 154 | 120.63 | 7920 | 2.9 | RF | 57 | DR 63M6 | 27 | 229 | |
| 8.4 | 136 | 106.58 | 7950 | 3.3 | | | | | | |
| 9.1 | 126 | 98.99 | 7960 | 3.6 | | | | | | |
| 7.4 | 155 | 186.89 | 7920 | 2.9 | | | | | | |
| 8.0 | 143 | 172.17 | 7940 | 3.2 | R | 57 | DR 63S4 | 23 | 228 | |
| 9.3 | 123 | 147.92 | 7960 | 3.7 | RF | 57 | DR 63S4 | 27 | 229 | |
| 11 | 107 | 128.77 | 7980 | 4.2 | | | | | | |

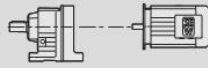



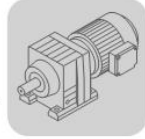
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.12 | 5.1 | 225 | 176.88 | 5760 | 1.35 | | | | | |
| | 5.5 | 210 | 162.94 | 5830 | 1.45 | R | 47 | DR 63M6 | 18 | 226 |
| | 6.4 | 178 | 139.99 | 5920 | 1.70 | RF | 47 | DR 63M6 | 18 | 227 |
| | 7.4 | 155 | 121.87 | 5980 | 1.95 | | | | | |
| | 7.8 | 147 | 176.88 | 6000 | 2.0 | | | | | |
| | 8.5 | 135 | 162.94 | 6030 | 2.2 | | | | | |
| | 9.9 | 116 | 139.99 | 6070 | 2.6 | | | | | |
| | 11 | 101 | 121.87 | 6100 | 3.0 | R | 47 | DR 63S4 | 18 | 226 |
| | 12 | 95 | 114.17 | 6110 | 3.2 | RF | 47 | DR 63S4 | 18 | 227 |
| | 14 | 84 | 100.86 | 6120 | 3.6 | | | | | |
| | 15 | 78 | 93.68 | 6130 | 3.9 | | | | | |
| | 6.7 | 172 | 134.82 | 5270 | 1.15 | | | | | |
| | 7.3 | 157 | 123.66 | 5410 | 1.25 | | | | | |
| | 8.6 | 134 | 105.28 | 5600 | 1.50 | R | 37 | DR 63M6 | 14 | 224 |
| | 9.9 | 116 | 90.77 | 5730 | 1.75 | RF | 37 | DR 63M6 | 16 | 225 |
| | 11 | 108 | 84.61 | 5770 | 1.85 | | | | | |
| | 12 | 94 | 73.96 | 5850 | 2.1 | | | | | |
| | 10 | 112 | 134.82 | 5750 | 1.80 | | | | | |
| | 11 | 103 | 123.66 | 5800 | 1.95 | | | | | |
| | 13 | 87 | 105.28 | 5880 | 2.3 | R | 37 | DR 63S4 | 14 | 224 |
| | 15 | 75 | 90.77 | 5930 | 2.7 | RF | 37 | DR 63S4 | 16 | 225 |
| | 16 | 70 | 84.61 | 5950 | 2.8 | | | | | |
| | 19 | 61 | 73.96 | 5980 | 3.3 | | | | | |
| | 7.3 | 158 | 123.91 | 4090 | 0.80 | | | | | |
| | 8.5 | 134 | 105.49 | 4210 | 0.95 | R | 27 | DR 63M6 | 8.3 | 222 |
| | 9.9 | 116 | 90.96 | 4300 | 1.10 | RF | 27 | DR 63M6 | 8.2 | 223 |
| | 11 | 108 | 84.78 | 4330 | 1.20 | | | | | |
| | 12 | 94 | 74.11 | 4370 | 1.40 | | | | | |
| | 10 | 112 | 135.09 | 4310 | 1.15 | | | | | |
| | 11 | 103 | 123.91 | 4340 | 1.25 | | | | | |
| | 13 | 88 | 105.49 | 4390 | 1.50 | | | | | |
| | 15 | 76 | 90.96 | 4430 | 1.70 | | | | | |
| | 16 | 70 | 84.78 | 4440 | 1.85 | R | 27 | DR 63S4 | 8.3 | 222 |
| | 19 | 62 | 74.11 | 4460 | 2.1 | RF | 27 | DR 63S4 | 8.2 | 223 |
| | 20 | 58 | 69.47 | 4470 | 2.3 | | | | | |
| | 23 | 51 | 61.30 | 4400 | 2.6 | | | | | |
| | 25 | 46 | 55.87 | 4280 | 2.8 | | | | | |
| | 29 | 40 | 48.17 | 4090 | 3.3 | | | | | |
| | 31 | 37 | 44.90 | 4000 | 3.5 | | | | | |
| | 11 | 104 | 81.64 | 300 | 0.80 | | | | | |
| | 13 | 90 | 70.39 | 1470 | 0.95 | | | | | |
| | 14 | 84 | 65.61 | 1860 | 1.00 | R | 17 | DR 63M6 | 7.6 | 220 |
| | 16 | 73 | 57.35 | 2430 | 1.15 | RF | 17 | DR 63M6 | 7.5 | 221 |
| | 17 | 68 | 53.76 | 2500 | 1.25 | | | | | |
| | 19 | 60 | 47.44 | 2500 | 1.40 | | | | | |
| | 17 | 68 | 81.64 | 2500 | 1.25 | | | | | |
| | 20 | 58 | 70.39 | 2500 | 1.45 | | | | | |
| | 21 | 55 | 65.61 | 2500 | 1.55 | | | | | |
| | 24 | 48 | 57.35 | 2500 | 1.80 | | | | | |
| | 26 | 45 | 53.76 | 2500 | 1.90 | | | | | |
| 29 | 39 | 47.44 | 2500 | 2.2 | R | 17 | DR 63S4 | 7.6 | 220 | |
| 31 | 37 | 44.18 | 2500 | 2.3 | RF | 17 | DR 63S4 | 7.5 | 221 | |
| 36 | 32 | 38.61 | 2430 | 2.7 | | | | | | |
| 38 | 30 | 36.20 | 2390 | 2.8 | | | | | | |
| 43 | 27 | 31.94 | 2310 | 3.2 | | | | | | |
| 49 | 24 | 28.32 | 2230 | 3.6 | | | | | | |
| 57 | 20 | 24.07 | 2130 | 4.3 | | | | | | |

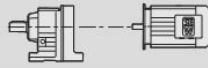



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.12 | 22 | 53 | 60.32 | 1480 | 0.95 | | | | | | |
| | 25 | 45 | 51.52 | 1540 | 1.10 | | | | | | |
| | 27 | 42 | 47.78 | 1550 | 1.20 | | | | | | |
| | 29 | 39 | 44.16 | 1550 | 1.30 | | | | | | |
| | 31 | 36 | 41.31 | 1530 | 1.35 | | | | | | |
| | 32 | 36 | 40.34 | 1520 | 1.40 | R | 07 | DT | 56L4 | 5.9 | 218 |
| | 34 | 34 | 38.51 | 1510 | 1.45 | RF | 07 | DT | 56L4 | 5.9 | 219 |
| | 38 | 30 | 34.05 | 1470 | 1.65 | | | | | | |
| | 45 | 26 | 29.08 | 1410 | 1.95 | | | | | | |
| | 48 | 24 | 26.97 | 1390 | 2.1 | | | | | | |
| | 56 | 21 | 23.32 | 1340 | 2.4 | | | | | | |
| | 60 | 19 | 21.73 | 1310 | 2.6 | | | | | | |
| | 71 | 16 | 18.31 | 1250 | 3.1 | | | | | | |
| | 78 | 15 | 16.73 | 1220 | 3.4 | | | | | | |
| | 92 | 12 | 14.12 | 1170 | 4.0 | | | | | | |
| | 108 | 11 | 12.06 | 1120 | 4.7 | | | | | | |
| | 116 | 9.9 | 11.18 | 1090 | 5.1 | | | | | | |
| | 134 | 8.5 | 9.67 | 1050 | 5.9 | | | | | | |
| | 144 | 7.9 | 9.01 | 1030 | 6.3 | | | | | | |
| | 166 | 6.9 | 7.85 | 990 | 7.1 | R | 07 | DT | 56L4 | 5.7 | 218 |
| | 174 | 6.6 | 7.48 | 970 | 6.5 | RF | 07 | DT | 56L4 | 5.7 | 219 |
| | 190 | 6.0 | 6.83 | 950 | 7.2 | | | | | | |
| | 226 | 5.1 | 5.76 | 900 | 7.8 | | | | | | |
| | 264 | 4.3 | 4.92 | 860 | 8.6 | | | | | | |
| | 285 | 4.0 | 4.57 | 840 | 9.0 | | | | | | |
| | 329 | 3.5 | 3.95 | 800 | 9.7 | | | | | | |
| | 353 | 3.2 | 3.68 | 780 | 10 | | | | | | |
| | 405 | 2.8 | 3.21 | 750 | 11 | | | | | | |
| | 227 | 5.0 | 6.07 | 4270 | 8.6 | | | | | | |
| | 267 | 4.3 | 5.18 | 4050 | 17 | RX | 67 | DR | 63S4 | 16 | 208 |
| | 305 | 3.8 | 4.53 | 3870 | 22 | RXF | 67 | DR | 63S4 | 20 | 209 |
| | 321 | 3.6 | 4.30* | 3810 | 22 | | | | | | |
| | 251 | 4.6 | 5.50* | 3360 | 8.5 | | | | | | |
| | 272 | 4.2 | 5.07 | 3270 | 8.6 | | | | | | |
| | 317 | 3.6 | 4.35 | 3120 | 19 | | | | | | |
| | 364 | 3.1 | 3.79 | 2980 | 22 | | | | | | |
| | 389 | 2.9 | 3.55* | 2910 | 24 | | | | | | |
| | 440 | 2.6 | 3.14 | 2800 | 25 | RX | 57 | DR | 63S4 | 14 | 206 |
| | 474 | 2.4 | 2.91 | 2730 | 28 | RXF | 57 | DR | 63S4 | 16 | 207 |
| | 523 | 2.2 | 2.64* | 2640 | 31 | | | | | | |
| 582 | 2.0 | 2.37 | 2550 | 35 | | | | | | | |
| 676 | 1.7 | 2.04 | 2430 | 41 | | | | | | | |
| 719 | 1.6 | 1.92* | 2380 | 43 | | | | | | | |
| 835 | 1.4 | 1.65 | 2260 | 49 | | | | | | | |
| 0.18 | 0.09 | 15000 | 14075 | 50900 | 0.85 | | | | | | |
| | 0.11 | 13100 | 12344 | 62500 | 1.00 | R | 147 R77 | DR | 63M4 | 420 | 246 |
| | 0.12 | 11600 | 11143 | 65200 | 1.10 | RF | 147 R77 | DR | 63M4 | 430 | 246 |
| | 0.14 | 10300 | 9743 | 67300 | 1.25 | | | | | | |
| | 0.16 | 8550 | 8443 | 69700 | 1.50 | | | | | | |
| | 0.18 | 7400 | 7307 | 70900 | 1.75 | | | | | | |
| | 0.20 | 6530 | 6447 | 71800 | 2.0 | | | | | | |
| | 0.24 | 5640 | 5568 | 72500 | 2.3 | R | 147 R77 | DR | 63M4 | 420 | 246 |
| | 0.27 | 5150 | 4926 | 72800 | 2.5 | RF | 147 R77 | DR | 63M4 | 430 | 246 |
| | 0.31 | 4420 | 4325 | 73300 | 2.9 | | | | | | |
| | 0.35 | 3920 | 3754 | 73600 | 3.3 | | | | | | |
| | 0.40 | 3380 | 3302 | 73800 | 3.9 | | | | | | |
| | 0.15 | 8900 | 8784 | 50100 | 0.90 | | | | | | |
| | 0.18 | 7390 | 7479 | 54600 | 1.10 | | | | | | |
| | 0.20 | 6950 | 6559 | 55500 | 1.15 | R | 137 R77 | DR | 63M4 | 290 | 246 |
| | 0.23 | 5770 | 5834 | 57400 | 1.40 | RF | 137 R77 | DR | 63M4 | 310 | 246 |
| | 0.26 | 5420 | 5116 | 57900 | 1.50 | | | | | | |
| | 0.30 | 4520 | 4464 | 59000 | 1.75 | | | | | | |
| | 0.34 | 3980 | 3928 | 59500 | 2.0 | | | | | | |
| | 0.28 | 5060 | 4709 | 58300 | 1.60 | | | | | | |
| | 0.33 | 4320 | 4018 | 59200 | 1.85 | R | 137 R77 | DR | 63M4 | 280 | 246 |
| | 0.38 | 3780 | 3514 | 59700 | 2.1 | RF | 137 R77 | DR | 63M4 | 300 | 246 |
| | 0.40 | 3590 | 3338 | 59900 | 2.2 | | | | | | |
| | 0.45 | 3150 | 2929 | 60200 | 2.5 | | | | | | |

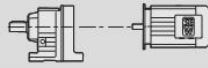



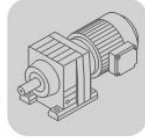
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|------|----------------------|-----------|--|-------------|---|---------|
| 0.18 | 0.30 | 4490 | 4435 | 28400 | 0.95 | | | | |
| | 0.34 | 3980 | 3896 | 31100 | 1.10 | R | 107 R77 | DR 63M4 | 200 246 |
| | 0.43 | 3220 | 3039 | 34200 | 1.35 | RF | 107 R77 | DR 63M4 | 210 246 |
| | 0.34 | 4210 | 3918 | 29900 | 1.00 | | | | |
| | 0.39 | 3590 | 3343 | 32800 | 1.20 | | | | |
| | 0.44 | 3260 | 3034 | 34100 | 1.30 | R | 107 R77 | DR 63M4 | 195 246 |
| | 0.50 | 2850 | 2653 | 35400 | 1.50 | RF | 107 R77 | DR 63M4 | 200 246 |
| | 0.58 | 2450 | 2280 | 36200 | 1.75 | | | | |
| | 0.64 | 2220 | 2067 | 36500 | 1.95 | | | | |
| | 0.66 | 2100 | 1987 | 36700 | 2.1 | | | | |
| | 0.72 | 1870 | 1827 | 36900 | 2.3 | | | | |
| | 0.83 | 1600 | 1599 | 37200 | 2.7 | R | 107 R77 | DR 63M4 | 200 246 |
| | 0.94 | 1440 | 1400 | 37300 | 3.0 | RF | 107 R77 | DR 63M4 | 205 246 |
| | 1.1 | 1230 | 1226 | 37400 | 3.5 | | | | |
| | 0.49 | 3000 | 2668 | 20000 | 1.00 | | | | |
| | 0.59 | 2480 | 2245 | 24200 | 1.20 | | | | |
| | 0.65 | 2210 | 2016 | 25500 | 1.35 | | | | |
| | 0.76 | 1970 | 1733 | 26500 | 1.50 | | | | |
| | 0.81 | 1840 | 1623 | 27000 | 1.65 | | | | |
| | 0.92 | 1610 | 1434 | 27500 | 1.85 | R | 97 R57 | DR 63M4 | 125 246 |
| | 1.1 | 1330 | 1207 | 27900 | 2.3 | RF | 97 R57 | DR 63M4 | 145 246 |
| | 1.2 | 1190 | 1084 | 28000 | 2.5 | | | | |
| | 1.4 | 1000 | 934 | 28200 | 3.0 | | | | |
| | 1.5 | 940 | 878 | 28300 | 3.2 | | | | |
| | 1.8 | 790 | 755 | 28400 | 3.8 | | | | |
| | 0.49 | 3090 | 2722 | 15900 | 0.95 | R | 97 R57 | DR 63M4 | 130 246 |
| | 0.57 | 2620 | 2311 | 23400 | 1.15 | RF | 97 R57 | DR 63M4 | 145 246 |
| | 0.64 | 2360 | 2078 | 24800 | 1.25 | | | | |
| | 0.89 | 1690 | 1489 | 15900 | 0.90 | | | | |
| | 0.95 | 1580 | 1395 | 16700 | 1.00 | | | | |
| | 1.1 | 1380 | 1232 | 18000 | 1.10 | R | 87 R57 | DR 63M4 | 85 246 |
| | 1.2 | 1280 | 1145 | 18600 | 1.20 | RF | 87 R57 | DR 63M4 | 92 246 |
| | 1.3 | 1150 | 1037 | 19200 | 1.35 | | | | |
| | 1.4 | 1020 | 931 | 19800 | 1.50 | | | | |
| | 1.7 | 860 | 802 | 20000 | 1.80 | | | | |
| | 0.87 | 1680 | 1524 | 15900 | 0.90 | | | | |
| | 1.0 | 1390 | 1303 | 17900 | 1.10 | R | 87 R57 | DR 63M4 | 85 246 |
| | 1.2 | 1220 | 1143 | 18900 | 1.25 | RF | 87 R57 | DR 63M4 | 92 246 |
| | 1.5 | 980 | 885 | 19900 | 1.60 | | | | |
| | 1.7 | 860 | 776 | 20000 | 1.80 | | | | |
| | 1.5 | 980 | 858 | 5830 | 0.85 | | | | |
| | 1.7 | 850 | 757 | 9590 | 0.95 | R | 77 R37 | DR 63M4 | 45 246 |
| | 2.0 | 750 | 671 | 10500 | 1.10 | RF | 77 R37 | DR 63M4 | 51 246 |
| | 2.3 | 630 | 571 | 11400 | 1.30 | | | | |
| | 1.6 | 890 | 821 | 9230 | 0.90 | | | | |
| | 1.8 | 800 | 731 | 10100 | 1.00 | | | | |
| | 2.0 | 745 | 646 | 10500 | 1.10 | | | | |
| | 2.4 | 645 | 560 | 11300 | 1.25 | R | 77 R37 | DR 63M4 | 46 246 |
| | 2.7 | 550 | 488 | 11800 | 1.50 | RF | 77 R37 | DR 63M4 | 52 246 |
| | 3.0 | 490 | 436 | 12100 | 1.70 | | | | |
| | 3.5 | 420 | 373 | 12400 | 1.95 | | | | |
| | 4.0 | 370 | 327 | 12600 | 2.2 | | | | |
| | 4.6 | 330 | 289 | 12700 | 2.5 | | | | |
| | 2.3 | 640 | 571 | 7060 | 0.95 | R | 67 R37 | DR 63M4 | 40 246 |
| | 2.7 | 535 | 486 | 8250 | 1.10 | RF | 67 R37 | DR 63M4 | 43 246 |
| | 2.3 | 655 | 574 | 5820 | 0.90 | | | | |
| | 2.7 | 565 | 495 | 7950 | 1.05 | | | | |
| | 3.0 | 480 | 438 | 8740 | 1.25 | R | 67 R37 | DR 63M4 | 41 246 |
| | 3.4 | 425 | 388 | 9160 | 1.40 | RF | 67 R37 | DR 63M4 | 44 246 |
| | 3.8 | 395 | 344 | 9380 | 1.55 | | | | |
| | 4.5 | 320 | 294 | 9800 | 1.90 | | | | |
| | 5.1 | 290 | 261 | 9920 | 2.1 | | | | |
| | 2.9 | 500 | 454 | 6650 | 0.90 | R | 57 R37 | DR 63M4 | 33 246 |
| | 3.2 | 455 | 410 | 7090 | 1.00 | RF | 57 R37 | DR 63M4 | 37 246 |





| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.18 | 2.8 | 540 | 471 | 5250 | 0.85 | | | | | |
| | 3.7 | 405 | 357 | 7300 | 1.10 | | | | | |
| | 4.1 | 355 | 319 | 7460 | 1.25 | R | 57 R37 | DR 63M4 | 34 | 246 |
| | 4.8 | 300 | 273 | 7630 | 1.50 | RF | 57 R37 | DR 63M4 | 38 | 246 |
| | 5.5 | 260 | 241 | 7730 | 1.75 | | | | | |
| | 6.1 | 235 | 215 | 7790 | 1.95 | | | | | |
| | 3.7 | 420 | 359 | 7230 | 1.05 | | | | | |
| | 4.1 | 380 | 324 | 7380 | 1.20 | | | | | |
| | 4.5 | 335 | 290 | 7530 | 1.35 | | | | | |
| | 5.0 | 305 | 262 | 7620 | 1.50 | R | 57 R37 | DR 63M4 | 33 | 246 |
| | 5.4 | 280 | 246 | 7680 | 1.60 | RF | 57 R37 | DR 63M4 | 37 | 246 |
| | 6.0 | 250 | 220 | 7750 | 1.80 | | | | | |
| | 7.0 | 210 | 188 | 7830 | 2.1 | | | | | |
| | 8.3 | 177 | 159 | 7890 | 2.6 | | | | | |
| | 4.4 | 350 | 301 | 4150 | 0.85 | | | | | |
| | 5.2 | 290 | 255 | 5460 | 1.05 | R | 47 R37 | DR 63M4 | 28 | 246 |
| | 5.8 | 260 | 228 | 5630 | 1.15 | RF | 47 R37 | DR 63M4 | 28 | 246 |
| | 6.8 | 220 | 195 | 5790 | 1.40 | | | | | |
| | 6.6 | 230 | 199 | 4510 | 0.85 | R | 37 R17 | DR 63M4 | 17 | 246 |
| | 7.7 | 199 | 172 | 4960 | 1.00 | RF | 37 R17 | DR 63M4 | 19 | 246 |
| | 8.8 | 173 | 150 | 5260 | 1.15 | | | | | |
| | 6.5 | 235 | 202 | 4050 | 0.85 | R | 37 R17 | DR 63M4 | 17 | 246 |
| | 7.4 | 205 | 179 | 4870 | 0.95 | RF | 37 R17 | DR 63M4 | 18 | 246 |
| | 8.5 | 176 | 156 | 5230 | 1.15 | | | | | |
| | 9.4 | 157 | 141 | 4100 | 0.85 | R | 27 R17 | DR 63M4 | 11 | 246 |
| | 11 | 139 | 124 | 4190 | 0.95 | RF | 27 R17 | DR 63M4 | 11 | 246 |
| | 12 | 125 | 110 | 4260 | 1.05 | | | | | |
| | 14 | 105 | 94 | 4340 | 1.25 | | | | | |
| | 9.8 | 152 | 135 | 4120 | 0.85 | R | 27 R17 | DR 63M4 | 11 | 246 |
| | 11 | 139 | 118 | 4190 | 0.95 | RF | 27 R17 | DR 63M4 | 11 | 246 |
| | 13 | 121 | 104 | 4270 | 1.10 | | | | | |
| | 15 | 105 | 90 | 4340 | 1.25 | | | | | |
| | 4.5 | 385 | 195.24* | 12500 | 2.1 | R | 77 | DR 63L6 | 38 | 232 |
| | 5.2 | 330 | 166.59 | 12700 | 2.5 | RF | 77 | DR 63L6 | 43 | 233 |
| | 6.0 | 290 | 145.67 | 12800 | 2.9 | R | 77 | DR 63L6 | 38 | 232 |
| | 6.3 | 275 | 138.39 | 12900 | 3.0 | RF | 77 | DR 63L6 | 43 | 233 |
| | 7.2 | 240 | 121.42 | 12900 | 3.4 | | | | | |
| | 6.8 | 255 | 195.24* | 12900 | 3.2 | R | 77 | DR 63M4 | 37 | 232 |
| | 7.9 | 215 | 166.59 | 13000 | 3.8 | RF | 77 | DR 63M4 | 43 | 233 |
| | 9.1 | 190 | 145.67 | 13000 | 4.3 | | | | | |
| | 9.5 | 180 | 138.39 | 13000 | 4.6 | | | | | |
| | 4.4 | 395 | 199.81 | 9370 | 1.50 | | | | | |
| | 4.7 | 365 | 184.07 | 9560 | 1.65 | | | | | |
| | 5.5 | 310 | 158.14 | 9830 | 1.90 | | | | | |
| | 6.3 | 270 | 137.67 | 10000 | 2.2 | | | | | |
| | 6.8 | 255 | 128.97 | 10100 | 2.4 | R | 67 | DR 63L6 | 31 | 230 |
| | 7.6 | 225 | 113.94 | 10200 | 2.7 | RF | 67 | DR 63L6 | 34 | 231 |
| | 8.2 | 210 | 105.83 | 10200 | 2.9 | | | | | |
| 9.1 | 190 | 95.91 | 10300 | 3.2 | | | | | | |
| 10 | 170 | 86.11 | 10300 | 3.5 | | | | | | |
| 12 | 147 | 74.17 | 10400 | 4.1 | | | | | | |
| 12 | 138 | 69.75 | 10400 | 4.4 | | | | | | |
| 6.6 | 260 | 199.81 | 10100 | 2.3 | R | 67 | DR 63M4 | 30 | 230 | |
| 7.2 | 240 | 184.07 | 10100 | 2.5 | RF | 67 | DR 63M4 | 33 | 231 | |
| 8.3 | 205 | 158.14 | 10200 | 2.9 | | | | | | |
| 9.6 | 179 | 137.67 | 10300 | 3.4 | | | | | | |
| 10 | 168 | 128.97 | 10300 | 3.6 | | | | | | |
| 12 | 148 | 113.94 | 10400 | 4.0 | | | | | | |
| 12 | 138 | 105.83 | 10400 | 4.4 | | | | | | |
| 4.7 | 370 | 186.89 | 7420 | 1.20 | R | 57 | DR 63L6 | 24 | 228 | |
| 5.0 | 340 | 172.17 | 7510 | 1.30 | RF | 57 | DR 63L6 | 27 | 229 | |
| 5.9 | 290 | 147.92 | 7650 | 1.55 | | | | | | |
| 6.8 | 255 | 128.77 | 7740 | 1.75 | | | | | | |
| 7.2 | 240 | 120.63 | 7780 | 1.90 | | | | | | |



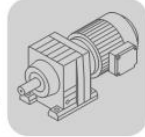
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.18 | 7.1 | 245 | 186.89 | 7770 | 1.85 | | | | | |
| | 7.7 | 225 | 172.17 | 7810 | 2.0 | | | | | |
| | 8.9 | 193 | 147.92 | 7870 | 2.3 | | | | | |
| | 10 | 168 | 128.77 | 7900 | 2.7 | R | 57 | DR 63M4 | 23 | 228 |
| | 11 | 157 | 120.63 | 7920 | 2.9 | RF | 57 | DR 63M4 | 27 | 229 |
| | 12 | 139 | 106.58 | 7940 | 3.2 | | | | | |
| | 13 | 129 | 98.99 | 7950 | 3.5 | | | | | |
| | 15 | 117 | 89.71 | 7970 | 3.9 | | | | | |
| | 7.5 | 230 | 176.88 | 5740 | 1.30 | | | | | |
| | 8.1 | 210 | 162.94 | 5810 | 1.40 | | | | | |
| | 9.4 | 182 | 139.99 | 5910 | 1.65 | | | | | |
| | 11 | 159 | 121.87 | 5980 | 1.90 | R | 47 | DR 63M4 | 18 | 226 |
| | 12 | 149 | 114.17 | 6000 | 2.0 | RF | 47 | DR 63M4 | 18 | 227 |
| | 13 | 131 | 100.86 | 6040 | 2.3 | | | | | |
| | 14 | 122 | 93.68 | 6060 | 2.5 | | | | | |
| | 16 | 111 | 84.90 | 6080 | 2.7 | | | | | |
| | 17 | 99 | 76.23 | 6100 | 3.0 | | | | | |
| | 7.0 | 245 | 123.66 | 3060 | 0.80 | | | | | |
| | 8.3 | 210 | 105.28 | 4840 | 0.95 | R | 37 | DR 63L6 | 15 | 224 |
| | 9.6 | 179 | 90.77 | 5190 | 1.10 | RF | 37 | DR 63L6 | 16 | 225 |
| | 10 | 167 | 84.61 | 5310 | 1.20 | | | | | |
| | 9.8 | 176 | 134.82 | 5230 | 1.15 | | | | | |
| | 11 | 161 | 123.66 | 5370 | 1.25 | | | | | |
| | 13 | 137 | 105.28 | 5580 | 1.45 | | | | | |
| | 15 | 118 | 90.77 | 5710 | 1.70 | | | | | |
| | 16 | 110 | 84.61 | 5760 | 1.80 | R | 37 | DR 63M4 | 14 | 224 |
| | 18 | 96 | 73.96 | 5840 | 2.1 | RF | 37 | DR 63M4 | 16 | 225 |
| | 19 | 90 | 69.33 | 5870 | 2.2 | | | | | |
| | 22 | 80 | 61.18 | 5920 | 2.5 | | | | | |
| | 24 | 73 | 55.76 | 5940 | 2.8 | | | | | |
| | 27 | 63 | 48.08 | 5960 | 3.2 | | | | | |
| | 11 | 161 | 123.91 | 4070 | 0.80 | | | | | |
| | 13 | 137 | 105.49 | 4200 | 0.95 | | | | | |
| | 15 | 118 | 90.96 | 4280 | 1.10 | | | | | |
| | 16 | 110 | 84.78 | 4320 | 1.20 | | | | | |
| | 18 | 97 | 74.11 | 4370 | 1.35 | | | | | |
| | 19 | 91 | 69.47 | 4380 | 1.45 | | | | | |
| | 22 | 80 | 61.30 | 4320 | 1.65 | R | 27 | DR 63M4 | 8.3 | 222 |
| | 24 | 73 | 55.87 | 4210 | 1.80 | RF | 27 | DR 63M4 | 8.2 | 223 |
| | 27 | 63 | 48.17 | 4040 | 2.1 | | | | | |
| | 29 | 59 | 44.90 | 3960 | 2.2 | | | | | |
| | 34 | 51 | 39.25 | 3810 | 2.5 | | | | | |
| | 36 | 48 | 36.79 | 3740 | 2.7 | | | | | |
| | 41 | 42 | 32.47 | 3610 | 3.1 | | | | | |
| | 46 | 38 | 28.78 | 3480 | 3.5 | | | | | |
| | 54 | 32 | 24.47 | 3310 | 4.1 | | | | | |
| | 47 | 37 | 28.37 | 3470 | 3.5 | | | | | |
| | 51 | 34 | 26.09 | 3380 | 3.8 | | | | | |
| | 59 | 29 | 22.32 | 3220 | 4.5 | R | 27 | DR 63M4 | 8.0 | 222 |
| | 68 | 25 | 19.35 | 3090 | 5.2 | RF | 27 | DR 63M4 | 7.9 | 223 |
| 73 | 24 | 18.08 | 3020 | 5.5 | | | | | | |
| 84 | 20 | 15.63 | 2890 | 6.4 | | | | | | |
| 99 | 17 | 13.28* | 2750 | 7.5 | | | | | | |
| 16 | 106 | 81.64 | 46 | 0.80 | | | | | | |
| 19 | 92 | 70.39 | 1330 | 0.95 | | | | | | |
| 20 | 85 | 65.61 | 1740 | 1.00 | | | | | | |
| 23 | 75 | 57.35 | 2350 | 1.15 | | | | | | |
| 25 | 70 | 53.76 | 2500 | 1.20 | | | | | | |
| 28 | 62 | 47.44 | 2450 | 1.40 | R | 17 | DR 63M4 | 7.6 | 220 | |
| 30 | 58 | 44.18 | 2410 | 1.50 | RF | 17 | DR 63M4 | 7.5 | 221 | |
| 34 | 50 | 38.61 | 2340 | 1.70 | | | | | | |
| 36 | 47 | 36.20 | 2300 | 1.80 | | | | | | |
| 41 | 42 | 31.94 | 2240 | 2.0 | | | | | | |
| 47 | 37 | 28.32 | 2170 | 2.3 | | | | | | |
| 55 | 31 | 24.07 | 2080 | 2.7 | | | | | | |

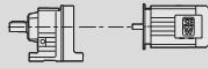



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.18 | 52 | 33 | 25.23 | 2110 | 2.6 | | | | | |
| | 57 | 30 | 23.15 | 2060 | 2.8 | R | 17 | DR 63M4 | 7.3 | 220 |
| | 67 | 26 | 19.71 | 1970 | 3.3 | RF | 17 | DR 63M4 | 7.2 | 221 |
| | 78 | 22 | 16.99 | 1890 | 3.9 | | | | | |
| | 28 | 62 | 47.78 | 1110 | 0.80 | | | | | |
| | 30 | 58 | 44.16 | 1340 | 0.85 | | | | | |
| | 32 | 54 | 41.31 | 1390 | 0.95 | | | | | |
| | 33 | 53 | 40.34 | 1390 | 0.95 | | | | | |
| | 34 | 50 | 38.51 | 1380 | 1.00 | R | 07 | DR 63M4 | 6.5 | 218 |
| | 39 | 44 | 34.05 | 1350 | 1.15 | RF | 07 | DR 63M4 | 6.5 | 219 |
| | 45 | 38 | 29.08 | 1310 | 1.30 | | | | | |
| | 49 | 35 | 26.97 | 1290 | 1.40 | | | | | |
| | 57 | 30 | 23.32 | 1250 | 1.65 | | | | | |
| | 61 | 28 | 21.73 | 1240 | 1.75 | | | | | |
| | 72 | 24 | 18.31 | 1190 | 2.1 | | | | | |
| | 79 | 22 | 16.73 | 1160 | 2.3 | | | | | |
| | 94 | 18 | 14.12 | 1120 | 2.7 | | | | | |
| | 109 | 16 | 12.06 | 1070 | 3.2 | | | | | |
| | 118 | 15 | 11.18 | 1050 | 3.4 | | | | | |
| | 137 | 13 | 9.67 | 1010 | 4.0 | | | | | |
| | 146 | 12 | 9.01 | 990 | 4.3 | | | | | |
| | 168 | 10 | 7.85 | 960 | 4.8 | R | 07 | DR 63M4 | 6.3 | 218 |
| | 177 | 9.7 | 7.48 | 940 | 4.4 | RF | 07 | DR 63M4 | 6.3 | 219 |
| | 193 | 8.9 | 6.83 | 920 | 4.8 | | | | | |
| | 229 | 7.5 | 5.76 | 880 | 5.3 | | | | | |
| | 268 | 6.4 | 4.92 | 840 | 5.8 | | | | | |
| | 289 | 5.9 | 4.57 | 820 | 6.1 | | | | | |
| | 334 | 5.1 | 3.95 | 785 | 6.7 | | | | | |
| | 359 | 4.8 | 3.68 | 765 | 6.9 | | | | | |
| | 412 | 4.2 | 3.21 | 735 | 7.4 | | | | | |
| | 243 | 7.1 | 11.18 | 860 | 7.0 | | | | | |
| | 281 | 6.1 | 9.67 | 820 | 8.2 | | | | | |
| | 302 | 5.7 | 9.01 | 810 | 8.8 | | | | | |
| | 346 | 5.0 | 7.85 | 775 | 9.8 | | | | | |
| | 364 | 4.7 | 7.48 | 765 | 9.2 | | | | | |
| | 398 | 4.3 | 6.83 | 740 | 10 | R | 07 | DR 63S2 | 6.3 | 218 |
| | 472 | 3.6 | 5.76 | 705 | 11 | RF | 07 | DR 63S2 | 6.3 | 219 |
| | 552 | 3.1 | 4.92 | 670 | 12 | | | | | |
| | 596 | 2.9 | 4.57 | 655 | 12 | | | | | |
| | 689 | 2.5 | 3.95 | 625 | 14 | | | | | |
| | 739 | 2.3 | 3.68 | 615 | 14 | | | | | |
| | 848 | 2.0 | 3.21 | 585 | 16 | | | | | |
| | 143 | 12 | 6.07 | 4940 | 3.6 | | | | | |
| | 168 | 10 | 5.18 | 4690 | 7.4 | RX | 67 | DR 63L6 | 17 | 208 |
| | 192 | 8.9 | 4.53 | 4490 | 9.2 | RXF | 67 | DR 63L6 | 21 | 209 |
| | 202 | 8.5 | 4.30* | 4410 | 9.4 | | | | | |
| | 218 | 7.9 | 6.07 | 4310 | 5.4 | | | | | |
| | 255 | 6.7 | 5.18 | 4090 | 11 | | | | | |
| | 292 | 5.9 | 4.53 | 3920 | 14 | | | | | |
| | 307 | 5.6 | 4.30* | 3850 | 14 | | | | | |
| 350 | 4.9 | 3.77 | 3690 | 18 | RX | 67 | DR 63M4 | 16 | 208 | |
| 413 | 4.2 | 3.20* | 3500 | 24 | RXF | 67 | DR 63M4 | 20 | 209 | |
| 457 | 3.8 | 2.89 | 3380 | 28 | | | | | | |
| 519 | 3.3 | 2.54 | 3240 | 36 | | | | | | |
| 550 | 3.1 | 2.40* | 3180 | 40 | | | | | | |
| 646 | 2.7 | 2.04 | 3020 | 50 | | | | | | |
| 158 | 11 | 5.50* | 3880 | 3.6 | | | | | | |
| 172 | 10 | 5.07 | 3780 | 3.6 | RX | 57 | DR 63L6 | 14 | 206 | |
| 200 | 8.6 | 4.35 | 3600 | 7.9 | RXF | 57 | DR 63L6 | 16 | 207 | |
| 230 | 7.5 | 3.79 | 3440 | 9.2 | | | | | | |



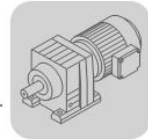
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|-------|----------------------|-----------|--------|---------|------|------|-------------|-----|
| 0.18 | 240 | 7.2 | 5.50* | 3400 | 5.4 | | | | | | |
| | 261 | 6.6 | 5.07 | 3310 | 5.5 | | | | | | |
| | 303 | 5.7 | 4.35 | 3150 | 12 | | | | | | |
| | 348 | 4.9 | 3.79 | 3010 | 14 | | | | | | |
| | 372 | 4.6 | 3.55* | 2950 | 15 | | | | | | |
| | 421 | 4.1 | 3.14 | 2830 | 16 | RX | 57 | DR | 63M4 | 14 | 206 |
| | 453 | 3.8 | 2.91 | 2760 | 18 | RXF | 57 | DR | 63M4 | 16 | 207 |
| | 500 | 3.4 | 2.64* | 2670 | 20 | | | | | | |
| | 557 | 3.1 | 2.37 | 2580 | 22 | | | | | | |
| | 647 | 2.7 | 2.04 | 2460 | 26 | | | | | | |
| | 688 | 2.5 | 1.92* | 2410 | 28 | | | | | | |
| 799 | 2.2 | 1.65 | 2290 | 31 | | | | | | | |
| 0.25 | 0.13 | 15200 | 9743 | 48200 | 0.85 | | | | | | |
| | 0.15 | 12800 | 8443 | 63100 | 1.00 | | | | | | |
| | 0.18 | 11000 | 7307 | 66200 | 1.20 | | | | | | |
| | 0.20 | 9740 | 6447 | 68100 | 1.35 | | | | | | |
| | 0.23 | 8410 | 5568 | 69800 | 1.55 | R | 147 R77 | DR | 63L4 | 420 | 246 |
| | 0.26 | 7600 | 4926 | 70700 | 1.70 | RF | 147 R77 | DR | 63L4 | 430 | 246 |
| | 0.30 | 6570 | 4325 | 71700 | 2.0 | | | | | | |
| | 0.35 | 5790 | 3754 | 72400 | 2.3 | | | | | | |
| | 0.39 | 5020 | 3302 | 72900 | 2.6 | | | | | | |
| | 0.45 | 4380 | 2898 | 73300 | 3.0 | | | | | | |
| | 0.22 | 8670 | 5834 | 51100 | 0.90 | | | | | | |
| | 0.25 | 7970 | 5116 | 53500 | 1.00 | R | 137 R77 | DR | 63L4 | 290 | 246 |
| | 0.29 | 6740 | 4464 | 55800 | 1.20 | RF | 137 R77 | DR | 63L4 | 310 | 246 |
| | 0.33 | 5930 | 3928 | 57100 | 1.35 | | | | | | |
| | 0.28 | 7430 | 4709 | 54600 | 1.10 | | | | | | |
| | 0.32 | 6340 | 4018 | 56500 | 1.25 | | | | | | |
| | 0.37 | 5550 | 3514 | 57700 | 1.45 | R | 137 R77 | DR | 63L4 | 280 | 246 |
| | 0.39 | 5270 | 3338 | 58100 | 1.50 | RF | 137 R77 | DR | 63L4 | 300 | 246 |
| | 0.44 | 4620 | 2929 | 58900 | 1.75 | | | | | | |
| | 0.49 | 4190 | 2658 | 59300 | 1.90 | | | | | | |
| | 0.54 | 3800 | 2412 | 59700 | 2.1 | | | | | | |
| | 0.63 | 3270 | 2073 | 60100 | 2.5 | R | 137 R77 | DR | 63L4 | 290 | 246 |
| | 0.71 | 2810 | 1839 | 60500 | 2.8 | RF | 137 R77 | DR | 63L4 | 310 | 246 |
| | 0.93 | 2180 | 1397 | 60800 | 3.7 | | | | | | |
| | 1.1 | 1890 | 1226 | 61000 | 4.2 | | | | | | |
| | 0.43 | 4730 | 3039 | 25600 | 0.90 | R | 107 R77 | DR | 63L4 | 205 | 246 |
| | | | | | | RF | 107 R77 | DR | 63L4 | 210 | 246 |
| | 0.43 | 4790 | 3034 | 23600 | 0.90 | R | 107 R77 | DR | 63L4 | 195 | 246 |
| | | | | | | RF | 107 R77 | DR | 63L4 | 200 | 246 |
| | 0.65 | 3100 | 1987 | 34600 | 1.40 | | | | | | |
| | 0.71 | 2790 | 1827 | 35600 | 1.55 | | | | | | |
| | 0.81 | 2410 | 1599 | 36300 | 1.80 | | | | | | |
| | 0.93 | 2140 | 1400 | 36600 | 2.0 | R | 107 R77 | DR | 63L4 | 200 | 246 |
| | 1.1 | 1840 | 1226 | 36900 | 2.3 | RF | 107 R77 | DR | 63L4 | 205 | 246 |
| | 1.4 | 1440 | 939 | 37300 | 3.0 | | | | | | |
| | 1.6 | 1240 | 822 | 37400 | 3.5 | | | | | | |
| | 0.75 | 2840 | 1733 | 22000 | 1.05 | R | 97 R57 | DR | 63L4 | 125 | 246 |
| | 0.80 | 2660 | 1623 | 23200 | 1.15 | RF | 97 R57 | DR | 63L4 | 145 | 246 |
| | 0.71 | 2960 | 1823 | 21100 | 1.00 | | | | | | |
| | 0.82 | 2570 | 1583 | 23700 | 1.15 | | | | | | |
| | 0.93 | 2230 | 1396 | 25400 | 1.35 | | | | | | |
| | 1.1 | 1940 | 1228 | 26600 | 1.55 | | | | | | |
| | 1.2 | 1750 | 1069 | 27300 | 1.70 | R | 97 R57 | DR | 63L4 | 130 | 246 |
| | 1.4 | 1530 | 938 | 27600 | 1.95 | RF | 97 R57 | DR | 63L4 | 145 | 246 |
| 1.6 | 1300 | 824 | 27900 | 2.3 | | | | | | | |
| 1.8 | 1160 | 737 | 28100 | 2.6 | | | | | | | |
| 2.1 | 1000 | 632 | 28200 | 3.0 | | | | | | | |
| 1.1 | 1850 | 1145 | 10700 | 0.85 | | | | | | | |
| 1.2 | 1670 | 1037 | 16000 | 0.95 | R | 87 R57 | DR | 63L4 | 85 | 246 | |
| 1.4 | 1490 | 931 | 17400 | 1.05 | RF | 87 R57 | DR | 63L4 | 93 | 246 | |
| 1.6 | 1270 | 802 | 18600 | 1.20 | | | | | | | |

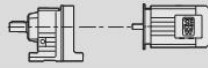



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|--------|
| 0.25 | 1.1 | 1800 | 1143 | 14700 | 0.85 | | | | |
| | 1.5 | 1420 | 885 | 17800 | 1.10 | | | | |
| | 1.7 | 1250 | 776 | 18700 | 1.25 | | | | |
| | 1.9 | 1100 | 685 | 19400 | 1.40 | R | 87 R57 | DR 63L4 | 86 246 |
| | 2.2 | 930 | 599 | 20000 | 1.65 | RF | 87 R57 | DR 63L4 | 93 246 |
| | 2.5 | 820 | 525 | 20000 | 1.90 | | | | |
| | 2.9 | 715 | 456 | 20000 | 2.2 | | | | |
| | 4.9 | 415 | 268 | 20000 | 3.7 | | | | |
| | 2.3 | 920 | 571 | 8910 | 0.90 | R | 77 R37 | DR 63L4 | 46 246 |
| | | | | | | RF | 77 R37 | DR 63L4 | 52 246 |
| | 2.3 | 930 | 560 | 8780 | 0.90 | | | | |
| | 2.7 | 795 | 488 | 10100 | 1.05 | | | | |
| | 3.0 | 705 | 436 | 10900 | 1.15 | | | | |
| | 3.5 | 610 | 373 | 11500 | 1.35 | R | 77 R37 | DR 63L4 | 47 246 |
| | 4.0 | 535 | 327 | 11900 | 1.55 | RF | 77 R37 | DR 63L4 | 53 246 |
| | 4.5 | 475 | 289 | 12200 | 1.75 | | | | |
| | 5.0 | 425 | 260 | 12400 | 1.95 | | | | |
| | 5.8 | 355 | 224 | 12600 | 2.3 | | | | |
| | 3.4 | 620 | 388 | 7290 | 0.95 | | | | |
| | 3.8 | 565 | 344 | 7950 | 1.05 | | | | |
| 4.4 | 465 | 294 | 8870 | 1.30 | R | 67 R37 | DR 63L4 | 41 246 | |
| 5.0 | 425 | 261 | 9180 | 1.40 | RF | 67 R37 | DR 63L4 | 45 246 | |
| 5.5 | 380 | 234 | 9460 | 1.60 | | | | | |
| 6.5 | 320 | 200 | 9780 | 1.85 | | | | | |
| 7.4 | 280 | 176 | 9980 | 2.2 | | | | | |
| 8.2 | 250 | 158 | 10100 | 2.4 | | | | | |
| 3.4 | 645 | 384 | 6960 | 0.95 | | | | | |
| 3.6 | 600 | 359 | 7550 | 1.00 | | | | | |
| 4.2 | 515 | 310 | 8430 | 1.15 | R | 67 R37 | DR 63L4 | 41 246 | |
| 4.9 | 435 | 264 | 9100 | 1.40 | RF | 67 R37 | DR 63L4 | 44 246 | |
| 5.5 | 385 | 235 | 9420 | 1.55 | | | | | |
| 6.5 | 325 | 201 | 9750 | 1.85 | | | | | |
| 7.2 | 295 | 181 | 9910 | 2.0 | | | | | |
| 4.1 | 520 | 319 | 6050 | 0.85 | | | | | |
| 4.8 | 440 | 273 | 7160 | 1.05 | | | | | |
| 5.4 | 380 | 241 | 7380 | 1.20 | R | 57 R37 | DR 63L4 | 35 246 | |
| 6.0 | 340 | 215 | 7510 | 1.30 | RF | 57 R37 | DR 63L4 | 38 246 | |
| 7.0 | 300 | 187 | 7630 | 1.50 | | | | | |
| 7.9 | 260 | 164 | 7730 | 1.75 | | | | | |
| 9.2 | 225 | 142 | 7800 | 2.0 | | | | | |
| 4.0 | 545 | 324 | 4980 | 0.85 | | | | | |
| 4.5 | 485 | 290 | 6950 | 0.95 | | | | | |
| 5.0 | 435 | 262 | 7160 | 1.05 | R | 57 R37 | DR 63L4 | 34 246 | |
| 5.3 | 405 | 246 | 7280 | 1.10 | RF | 57 R37 | DR 63L4 | 37 246 | |
| 5.9 | 360 | 220 | 7450 | 1.25 | | | | | |
| 5.7 | 375 | 228 | 2440 | 0.80 | | | | | |
| 6.7 | 315 | 195 | 5320 | 0.95 | R | 47 R37 | DR 63L4 | 29 246 | |
| 7.1 | 295 | 182 | 5440 | 1.00 | RF | 47 R37 | DR 63L4 | 29 246 | |
| 8.5 | 245 | 154 | 5680 | 1.20 | | | | | |
| 8.7 | 250 | 150 | 2540 | 0.80 | | | | | |
| 10 | 210 | 130 | 4790 | 0.95 | R | 37 R17 | DR 63L4 | 18 246 | |
| 10 | 200 | 124 | 4930 | 1.00 | RF | 37 R17 | DR 63L4 | 19 246 | |
| 12 | 178 | 110 | 5200 | 1.10 | | | | | |
| 14 | 152 | 94 | 5460 | 1.30 | | | | | |
| 9.7 | 220 | 135 | 4660 | 0.90 | | | | | |
| 10 | 215 | 127 | 4770 | 0.95 | R | 37 R17 | DR 63L4 | 18 246 | |
| 13 | 174 | 104 | 5250 | 1.15 | RF | 37 R17 | DR 63L4 | 19 246 | |
| 14 | 150 | 90 | 5470 | 1.35 | | | | | |
| 2.4 | 1020 | 289.74 | 28200 | 3.0 | | | | | |
| 2.7 | 900 | 255.71 | 28300 | 3.3 | R | 97 | DT 80N8 | 110 236 | |
| 2.8 | 850 | 241.25 | 28400 | 3.5 | RF | 97 | DT 80N8 | 125 237 | |
| 3.1 | 760 | 216.28 | 28400 | 4.0 | | | | | |



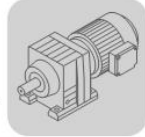
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|---------|----------------------|-----------|----|----|------|------|-------------|-----|
| 0.25 | 2.8 | 870 | 246.54 | 20000 | 1.80 | | | | | | |
| | 3.1 | 760 | 216.54 | 20000 | 2.0 | R | 87 | DT | 80N8 | 68 | 234 |
| | 3.3 | 720 | 205.71 | 20000 | 2.2 | RF | 87 | DT | 80N8 | 75 | 235 |
| | 3.7 | 640 | 181.77 | 20000 | 2.4 | | | | | | |
| | 4.1 | 585 | 166.59 | 11600 | 1.40 | | | | | | |
| | 4.7 | 510 | 145.67 | 12000 | 1.60 | R | 77 | DT | 80N8 | 42 | 232 |
| | 4.9 | 485 | 138.39 | 12100 | 1.70 | RF | 77 | DT | 80N8 | 48 | 233 |
| | 5.6 | 425 | 121.42 | 12400 | 1.90 | | | | | | |
| | 4.5 | 530 | 195.24* | 11900 | 1.55 | | | | | | |
| | 5.3 | 450 | 166.59 | 12300 | 1.80 | R | 77 | DT | 71D6 | 38 | 232 |
| | 6.0 | 395 | 145.67 | 12500 | 2.1 | RF | 77 | DT | 71D6 | 44 | 233 |
| | 6.7 | 360 | 195.24* | 12600 | 2.3 | | | | | | |
| | 7.8 | 305 | 166.59 | 12800 | 2.7 | | | | | | |
| | 8.9 | 270 | 145.67 | 12900 | 3.1 | R | 77 | DR | 63L4 | 38 | 232 |
| | 9.4 | 255 | 138.39 | 12900 | 3.2 | RF | 77 | DR | 63L4 | 43 | 233 |
| | 11 | 225 | 121.42 | 13000 | 3.7 | | | | | | |
| | 4.3 | 555 | 158.14 | 8060 | 1.10 | | | | | | |
| | 4.9 | 485 | 137.67 | 8730 | 1.25 | R | 67 | DT | 80N8 | 35 | 230 |
| | 5.3 | 455 | 128.97 | 8970 | 1.35 | RF | 67 | DT | 80N8 | 38 | 231 |
| | 6.0 | 400 | 113.94 | 9340 | 1.50 | | | | | | |
| | 4.4 | 540 | 199.81 | 8190 | 1.10 | | | | | | |
| | 4.8 | 500 | 184.07 | 8590 | 1.20 | | | | | | |
| | 5.6 | 430 | 158.14 | 9140 | 1.40 | | | | | | |
| | 6.4 | 375 | 137.67 | 9500 | 1.60 | R | 67 | DT | 71D6 | 32 | 230 |
| | 6.8 | 350 | 128.97 | 9630 | 1.70 | RF | 67 | DT | 71D6 | 35 | 231 |
| | 7.7 | 310 | 113.94 | 9840 | 1.95 | | | | | | |
| | 8.3 | 285 | 105.83 | 9940 | 2.1 | | | | | | |
| | 6.5 | 365 | 199.81 | 9540 | 1.65 | | | | | | |
| | 7.1 | 340 | 184.07 | 9700 | 1.80 | | | | | | |
| | 8.2 | 290 | 158.14 | 9930 | 2.1 | | | | | | |
| | 9.4 | 255 | 137.67 | 10100 | 2.4 | | | | | | |
| | 10 | 235 | 128.97 | 10100 | 2.5 | R | 67 | DR | 63L4 | 31 | 230 |
| | 11 | 210 | 113.94 | 10200 | 2.9 | RF | 67 | DR | 63L4 | 34 | 231 |
| | 12 | 194 | 105.83 | 10300 | 3.1 | | | | | | |
| | 14 | 176 | 95.91 | 10300 | 3.4 | | | | | | |
| | 15 | 158 | 86.11 | 10400 | 3.8 | | | | | | |
| | 4.7 | 505 | 186.89 | 6450 | 0.90 | | | | | | |
| | 5.1 | 465 | 172.17 | 7030 | 0.95 | | | | | | |
| | 6.0 | 400 | 147.92 | 7300 | 1.10 | | | | | | |
| | 6.8 | 350 | 128.77 | 7480 | 1.30 | R | 57 | DT | 71D6 | 25 | 228 |
| 7.3 | 325 | 120.63 | 7550 | 1.35 | RF | 57 | DT | 71D6 | 29 | 229 | |
| 8.3 | 290 | 106.58 | 7660 | 1.55 | | | | | | | |
| 8.9 | 270 | 98.99 | 7710 | 1.70 | | | | | | | |
| 7.0 | 345 | 186.89 | 7500 | 1.30 | | | | | | | |
| 7.5 | 315 | 172.17 | 7590 | 1.40 | | | | | | | |
| 8.8 | 270 | 147.92 | 7700 | 1.65 | | | | | | | |
| 10 | 235 | 128.77 | 7780 | 1.90 | | | | | | | |
| 11 | 220 | 120.63 | 7810 | 2.0 | | | | | | | |
| 12 | 196 | 106.58 | 7860 | 2.3 | R | 57 | DR | 63L4 | 24 | 228 | |
| 13 | 182 | 98.99 | 7880 | 2.5 | RF | 57 | DR | 63L4 | 27 | 229 | |
| 14 | 165 | 89.71 | 7910 | 2.7 | | | | | | | |
| 16 | 148 | 80.55 | 7930 | 3.0 | | | | | | | |
| 19 | 127 | 69.23 | 7960 | 3.5 | | | | | | | |

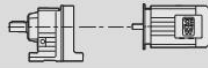



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.25 | 7.4 | 325 | 176.88 | 5280 | 0.90 | | | | | | |
| | 8.0 | 300 | 162.94 | 5420 | 1.00 | | | | | | |
| | 9.3 | 255 | 139.99 | 5630 | 1.15 | | | | | | |
| | 11 | 225 | 121.87 | 5770 | 1.35 | | | | | | |
| | 11 | 210 | 114.17 | 5820 | 1.45 | | | | | | |
| | 13 | 185 | 100.86 | 5900 | 1.60 | | | | | | |
| | 14 | 172 | 93.68 | 5940 | 1.75 | R | 47 | DR | 63L4 | 19 | 226 |
| | 15 | 156 | 84.90 | 5980 | 1.90 | RF | 47 | DR | 63L4 | 19 | 227 |
| | 17 | 140 | 76.23 | 6020 | 2.1 | | | | | | |
| | 19 | 126 | 68.54 | 6050 | 2.4 | | | | | | |
| | 20 | 118 | 64.21 | 6070 | 2.5 | | | | | | |
| | 23 | 104 | 56.73 | 6090 | 2.9 | | | | | | |
| | 25 | 97 | 52.69 | 6100 | 3.1 | | | | | | |
| | 27 | 88 | 47.75 | 6080 | 3.4 | | | | | | |
| | 9.6 | 250 | 134.82 | 2630 | 0.80 | | | | | | |
| | 11 | 225 | 123.66 | 4560 | 0.90 | | | | | | |
| | 12 | 193 | 105.28 | 5030 | 1.05 | | | | | | |
| | 14 | 167 | 90.77 | 5320 | 1.20 | | | | | | |
| | 15 | 155 | 84.61 | 5420 | 1.30 | | | | | | |
| | 18 | 136 | 73.96 | 5590 | 1.45 | | | | | | |
| | 19 | 127 | 69.33 | 5650 | 1.55 | R | 37 | DR | 63L4 | 15 | 224 |
| | 21 | 112 | 61.18 | 5750 | 1.80 | RF | 37 | DR | 63L4 | 16 | 225 |
| | 23 | 102 | 55.76 | 5800 | 1.95 | | | | | | |
| | 27 | 88 | 48.08 | 5870 | 2.3 | | | | | | |
| | 29 | 82 | 44.81 | 5760 | 2.4 | | | | | | |
| | 33 | 72 | 39.17 | 5540 | 2.8 | | | | | | |
| | 35 | 67 | 36.72 | 5430 | 3.0 | | | | | | |
| 40 | 60 | 32.40 | 5230 | 3.4 | | | | | | | |
| 15 | 156 | 84.78 | 4100 | 0.85 | | | | | | | |
| 18 | 136 | 74.11 | 4210 | 0.95 | | | | | | | |
| 19 | 128 | 69.47 | 4250 | 1.00 | | | | | | | |
| 21 | 113 | 61.30 | 4190 | 1.15 | | | | | | | |
| 23 | 103 | 55.87 | 4090 | 1.25 | | | | | | | |
| 27 | 89 | 48.17 | 3940 | 1.45 | R | 27 | DR | 63L4 | 9.0 | 222 | |
| 29 | 83 | 44.90 | 3870 | 1.60 | RF | 27 | DR | 63L4 | 8.9 | 223 | |
| 33 | 72 | 39.25 | 3730 | 1.80 | | | | | | | |
| 35 | 68 | 36.79 | 3670 | 1.90 | | | | | | | |
| 40 | 60 | 32.47 | 3540 | 2.2 | | | | | | | |
| 45 | 53 | 28.78 | 3420 | 2.5 | | | | | | | |
| 53 | 45 | 24.47 | 3270 | 2.9 | | | | | | | |
| 46 | 52 | 28.37 | 3410 | 2.5 | | | | | | | |
| 50 | 48 | 26.09 | 3330 | 2.7 | | | | | | | |
| 58 | 41 | 22.32 | 3180 | 3.2 | | | | | | | |
| 67 | 36 | 19.35 | 3050 | 3.7 | | | | | | | |
| 72 | 33 | 18.08 | 2990 | 3.9 | | | | | | | |
| 83 | 29 | 15.63 | 2860 | 4.5 | | | | | | | |
| 98 | 24 | 13.28* | 2730 | 5.3 | | | | | | | |
| 110 | 22 | 11.86 | 2630 | 5.9 | | | | | | | |
| 128 | 19 | 10.13 | 2510 | 6.6 | R | 27 | DR | 63L4 | 8.7 | 222 | |
| 138 | 17 | 9.41 | 2440 | 7.1 | RF | 27 | DR | 63L4 | 8.6 | 223 | |
| 159 | 15 | 8.16 | 2330 | 7.7 | | | | | | | |
| 170 | 14 | 7.63* | 2290 | 8.0 | | | | | | | |
| 197 | 12 | 6.59 | 2180 | 8.8 | | | | | | | |
| 232 | 10 | 5.60* | 2080 | 9.6 | | | | | | | |
| 260 | 9.2 | 5.00* | 2000 | 10 | | | | | | | |
| 304 | 7.8 | 4.27 | 1910 | 11 | | | | | | | |
| 325 | 7.3 | 4.00* | 1870 | 12 | | | | | | | |
| 386 | 6.2 | 3.37 | 1770 | 13 | | | | | | | |
| 23 | 105 | 57.35 | 156 | 0.80 | | | | | | | |
| 24 | 99 | 53.76 | 785 | 0.85 | | | | | | | |
| 27 | 87 | 47.44 | 1630 | 1.00 | | | | | | | |
| 29 | 81 | 44.18 | 2000 | 1.05 | R | 17 | DR | 63L4 | 8.3 | 220 | |
| 34 | 71 | 38.61 | 2200 | 1.20 | RF | 17 | DR | 63L4 | 8.2 | 221 | |
| 36 | 67 | 36.20 | 2180 | 1.30 | | | | | | | |
| 41 | 59 | 31.94 | 2130 | 1.45 | | | | | | | |
| 46 | 52 | 28.32 | 2070 | 1.65 | | | | | | | |
| 54 | 44 | 24.07 | 2000 | 1.90 | | | | | | | |





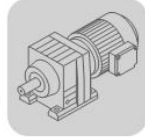
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|-------|----------------------|-----------|-----|----|------|------|-------------|-----|
| 0.25 | 52 | 46 | 25.23 | 2020 | 1.85 | | | | | | |
| | 56 | 43 | 23.15 | 1980 | 2.0 | | | | | | |
| | 66 | 36 | 19.71 | 1910 | 2.4 | | | | | | |
| | 77 | 31 | 16.99 | 1840 | 2.7 | R | 17 | DR | 63L4 | 8.0 | 220 |
| | 82 | 29 | 15.84 | 1810 | 2.9 | RF | 17 | DR | 63L4 | 7.9 | 221 |
| | 94 | 25 | 13.84 | 1750 | 3.4 | | | | | | |
| | 100 | 24 | 12.98 | 1720 | 3.6 | | | | | | |
| | 114 | 21 | 11.45 | 1660 | 3.9 | | | | | | |
| | 38 | 63 | 34.05 | 1090 | 0.80 | | | | | | |
| | 45 | 53 | 29.08 | 1200 | 0.95 | R | 07 | DR | 63L4 | 7.2 | 218 |
| | 48 | 50 | 26.97 | 1190 | 1.00 | RF | 07 | DR | 63L4 | 7.2 | 219 |
| | 56 | 43 | 23.32 | 1170 | 1.15 | | | | | | |
| | 60 | 40 | 21.73 | 1160 | 1.25 | | | | | | |
| | 71 | 34 | 18.31 | 1120 | 1.50 | | | | | | |
| | 78 | 31 | 16.73 | 1100 | 1.65 | | | | | | |
| | 92 | 26 | 14.12 | 1070 | 1.95 | | | | | | |
| | 108 | 22 | 12.06 | 1030 | 2.3 | | | | | | |
| | 116 | 21 | 11.18 | 1010 | 2.4 | | | | | | |
| | 134 | 18 | 9.67 | 980 | 2.8 | | | | | | |
| | 144 | 17 | 9.01 | 960 | 3.0 | | | | | | |
| | 166 | 14 | 7.85 | 930 | 3.4 | R | 07 | DR | 63L4 | 7.0 | 218 |
| | 174 | 14 | 7.48 | 920 | 3.1 | RF | 07 | DR | 63L4 | 7.0 | 219 |
| | 190 | 13 | 6.83 | 900 | 3.4 | | | | | | |
| | 226 | 11 | 5.76 | 860 | 3.8 | | | | | | |
| | 264 | 9.0 | 4.92 | 820 | 4.1 | | | | | | |
| | 285 | 8.4 | 4.57 | 800 | 4.3 | | | | | | |
| | 329 | 7.3 | 3.95 | 770 | 4.7 | | | | | | |
| | 353 | 6.8 | 3.68 | 755 | 4.9 | | | | | | |
| | 405 | 5.9 | 3.21 | 725 | 5.3 | | | | | | |
| | 238 | 10 | 11.18 | 840 | 5.0 | | | | | | |
| | 275 | 8.7 | 9.67 | 810 | 5.8 | | | | | | |
| | 295 | 8.1 | 9.01 | 795 | 6.2 | | | | | | |
| | 339 | 7.0 | 7.85 | 765 | 7.0 | | | | | | |
| | 356 | 6.7 | 7.48 | 755 | 6.4 | | | | | | |
| | 389 | 6.1 | 6.83 | 735 | 7.1 | R | 07 | DR | 63M2 | 6.3 | 218 |
| | 461 | 5.2 | 5.76 | 700 | 7.7 | RF | 07 | DR | 63M2 | 6.3 | 219 |
| | 540 | 4.4 | 4.92 | 665 | 8.4 | | | | | | |
| | 583 | 4.1 | 4.57 | 650 | 8.8 | | | | | | |
| | 674 | 3.5 | 3.95 | 625 | 9.7 | | | | | | |
| | 723 | 3.3 | 3.68 | 610 | 10 | | | | | | |
| | 829 | 2.9 | 3.21 | 585 | 11 | | | | | | |
| | 145 | 17 | 6.07 | 4890 | 2.6 | | | | | | |
| | 170 | 14 | 5.18 | 4650 | 5.4 | RX | 67 | DT | 71D6 | 19 | 208 |
| | 194 | 12 | 4.53 | 4450 | 6.7 | RXF | 67 | DT | 71D6 | 23 | 209 |
| | 205 | 12 | 4.30* | 4380 | 6.8 | | | | | | |
| | 214 | 11 | 6.07 | 4310 | 3.9 | | | | | | |
| | 251 | 9.5 | 5.18 | 4100 | 7.9 | | | | | | |
| 287 | 8.3 | 4.53 | 3920 | 9.9 | | | | | | | |
| 302 | 7.9 | 4.30* | 3860 | 10 | | | | | | | |
| 345 | 6.9 | 3.77 | 3700 | 13 | RX | 67 | DR | 63L4 | 17 | 208 | |
| 406 | 5.9 | 3.20* | 3500 | 17 | RXF | 67 | DR | 63L4 | 21 | 209 | |
| 450 | 5.3 | 2.89 | 3390 | 20 | | | | | | | |
| 511 | 4.7 | 2.54 | 3250 | 25 | | | | | | | |
| 542 | 4.4 | 2.40* | 3190 | 28 | | | | | | | |
| 636 | 3.8 | 2.04 | 3020 | 35 | | | | | | | |
| 160 | 15 | 5.50* | 3840 | 2.6 | | | | | | | |
| 174 | 14 | 5.07 | 3740 | 2.6 | RX | 57 | DT | 71D6 | 16 | 206 | |
| 202 | 12 | 4.35 | 3560 | 5.8 | RXF | 57 | DT | 71D6 | 18 | 207 | |
| 232 | 10 | 3.79 | 3410 | 6.7 | | | | | | | |

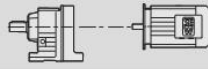



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|-------|----------------------|-----------|--|---------|------|------|-------------|---|
| 0.25 | 236 | 10 | 5.50* | 3390 | 3.9 | | | | | | |
| | 257 | 9.3 | 5.07 | 3300 | 3.9 | | | | | | |
| | 299 | 8.0 | 4.35 | 3150 | 8.5 | | | | | | |
| | 343 | 7.0 | 3.79 | 3010 | 9.9 | | | | | | |
| | 366 | 6.5 | 3.55* | 2950 | 11 | | | | | | |
| | 414 | 5.8 | 3.14 | 2830 | 11 | RX | 57 | DR | 63L4 | 14 | 206 |
| | 446 | 5.3 | 2.91 | 2760 | 13 | RXF | 57 | DR | 63L4 | 16 | 207 |
| | 492 | 4.8 | 2.64* | 2680 | 14 | | | | | | |
| | 548 | 4.4 | 2.37 | 2580 | 16 | | | | | | |
| | 637 | 3.7 | 2.04 | 2460 | 19 | | | | | | |
| | 677 | 3.5 | 1.92* | 2410 | 20 | | | | | | |
| 787 | 3.0 | 1.65 | 2300 | 23 | | | | | | | |
| 0.37 | 0.19 | 15900 | 7307 | 37500 | 0.80 | | | | | | |
| | 0.21 | 14100 | 6447 | 60400 | 0.90 | | | | | | |
| | 0.25 | 12100 | 5568 | 64300 | 1.05 | | | | | | |
| | 0.28 | 10900 | 4926 | 66400 | 1.20 | R | 147 R77 | DT | 71D4 | 420 | 246 |
| | 0.32 | 9480 | 4325 | 68500 | 1.35 | RF | 147 R77 | DT | 71D4 | 430 | 246 |
| | 0.37 | 8310 | 3754 | 70000 | 1.55 | | | | | | |
| | 0.42 | 7240 | 3302 | 71100 | 1.80 | | | | | | |
| | 0.48 | 6320 | 2898 | 71900 | 2.1 | | | | | | |
| | 0.31 | 9740 | 4464 | 39400 | 0.80 | R | 137 R77 | DT | 71D4 | 290 | 246 |
| | 0.35 | 8570 | 3928 | 51500 | 0.95 | RF | 137 R77 | DT | 71D4 | 315 | 246 |
| | 0.34 | 9080 | 4018 | 49200 | 0.90 | | | | | | |
| | 0.39 | 7940 | 3514 | 53500 | 1.00 | | | | | | |
| | 0.41 | 7540 | 3338 | 54300 | 1.05 | R | 137 R77 | DT | 71D4 | 280 | 246 |
| | 0.47 | 6620 | 2929 | 56000 | 1.20 | RF | 137 R77 | DT | 71D4 | 305 | 246 |
| | 0.56 | 5600 | 2484 | 57600 | 1.45 | | | | | | |
| | 0.62 | 5030 | 2242 | 58400 | 1.60 | | | | | | |
| | 0.52 | 6000 | 2658 | 57000 | 1.35 | | | | | | |
| | 0.57 | 5440 | 2412 | 57800 | 1.45 | | | | | | |
| | 0.67 | 4680 | 2073 | 58800 | 1.70 | | | | | | |
| | 0.75 | 4060 | 1839 | 59400 | 1.95 | R | 137 R77 | DT | 71D4 | 290 | 246 |
| | 0.99 | 3130 | 1397 | 60200 | 2.6 | RF | 137 R77 | DT | 71D4 | 310 | 246 |
| | 1.1 | 2720 | 1226 | 60500 | 2.9 | | | | | | |
| | 1.3 | 2440 | 1090 | 60700 | 3.3 | | | | | | |
| | 1.4 | 2130 | 951 | 60900 | 3.8 | | | | | | |
| | 0.67 | 4660 | 2067 | 27300 | 0.90 | | | | | | |
| | 0.82 | 3790 | 1693 | 31900 | 1.15 | | | | | | |
| | 0.89 | 3420 | 1550 | 33500 | 1.25 | R | 107 R77 | DT | 71D4 | 195 | 246 |
| | 0.98 | 3110 | 1407 | 34600 | 1.40 | RF | 107 R77 | DT | 71D4 | 205 | 246 |
| | 1.1 | 2670 | 1209 | 35900 | 1.60 | | | | | | |
| | 1.3 | 2330 | 1055 | 36400 | 1.85 | | | | | | |
| | 0.69 | 4450 | 1987 | 28600 | 0.95 | | | | | | |
| | 0.76 | 4030 | 1827 | 30800 | 1.05 | | | | | | |
| | 0.86 | 3490 | 1599 | 33200 | 1.25 | R | 107 R77 | DT | 71D4 | 200 | 246 |
| | 0.99 | 3090 | 1400 | 34600 | 1.40 | RF | 107 R77 | DT | 71D4 | 210 | 246 |
| | 1.1 | 2670 | 1226 | 35900 | 1.60 | | | | | | |
| | 1.5 | 2070 | 939 | 36700 | 2.1 | | | | | | |
| | 1.7 | 1790 | 822 | 37000 | 2.4 | | | | | | |
| | 1.1 | 2760 | 1207 | 22500 | 1.10 | R | 97 R57 | DT | 71D4 | 130 | 246 |
| | 1.3 | 2470 | 1084 | 24300 | 1.20 | RF | 97 R57 | DT | 71D4 | 145 | 246 |
| | 0.99 | 3180 | 1396 | 10800 | 0.95 | | | | | | |
| | 1.1 | 2780 | 1228 | 22500 | 1.10 | | | | | | |
| | 1.3 | 2480 | 1069 | 24200 | 1.20 | | | | | | |
| 1.5 | 2160 | 938 | 25700 | 1.40 | | | | | | | |
| 1.7 | 1860 | 824 | 26900 | 1.60 | R | 97 R57 | DT | 71D4 | 130 | 246 | |
| 1.9 | 1670 | 737 | 27400 | 1.80 | RF | 97 R57 | DT | 71D4 | 145 | 246 | |
| 2.2 | 1430 | 632 | 27700 | 2.1 | | | | | | | |
| 3.2 | 980 | 431 | 28200 | 3.1 | | | | | | | |
| 3.6 | 860 | 379 | 28300 | 3.5 | | | | | | | |
| 4.1 | 765 | 336 | 28400 | 3.9 | | | | | | | |
| 1.7 | 1810 | 802 | 13800 | 0.85 | R | 87 R57 | DT | 71D4 | 87 | 246 | |
| 1.8 | 1700 | 754 | 15800 | 0.90 | RF | 87 R57 | DT | 71D4 | 94 | 246 | |
| 2.1 | 1450 | 649 | 17600 | 1.05 | | | | | | | |



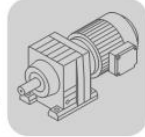
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|---------|
| 0.37 | 1.8 | 1780 | 776 | 15100 | 0.85 | | | | |
| | 2.0 | 1570 | 685 | 16800 | 1.00 | | | | |
| | 2.3 | 1340 | 599 | 18300 | 1.15 | R | 87 R57 | DT 71D4 | 87 246 |
| | 2.6 | 1170 | 525 | 19100 | 1.30 | RF | 87 R57 | DT 71D4 | 95 246 |
| | 3.0 | 1030 | 456 | 19700 | 1.50 | | | | |
| | 5.2 | 595 | 268 | 20000 | 2.6 | | | | |
| | 5.9 | 525 | 236 | 20000 | 2.9 | | | | |
| | 2.6 | 1260 | 538 | 18700 | 1.25 | | | | |
| | 2.9 | 1100 | 472 | 19400 | 1.40 | R | 87 R57 | DT 71D4 | 86 246 |
| | 3.5 | 930 | 400 | 20000 | 1.65 | RF | 87 R57 | DT 71D4 | 93 246 |
| | 3.8 | 830 | 361 | 20000 | 1.85 | | | | |
| | 3.7 | 860 | 373 | 9520 | 0.95 | | | | |
| | 4.2 | 755 | 327 | 10500 | 1.10 | | | | |
| | 4.8 | 670 | 289 | 11100 | 1.20 | | | | |
| | 5.3 | 600 | 260 | 11600 | 1.35 | R | 77 R37 | DT 71D4 | 48 246 |
| | 6.2 | 510 | 224 | 12000 | 1.60 | RF | 77 R37 | DT 71D4 | 53 246 |
| | 7.0 | 445 | 197 | 12300 | 1.85 | | | | |
| | 8.2 | 390 | 169 | 12500 | 2.1 | | | | |
| | 9.3 | 340 | 149 | 12700 | 2.4 | | | | |
| | 4.7 | 665 | 294 | 4670 | 0.90 | | | | |
| | 5.3 | 600 | 261 | 7550 | 1.00 | R | 67 R37 | DT 71D4 | 42 246 |
| | 5.9 | 540 | 234 | 8220 | 1.10 | RF | 67 R37 | DT 71D4 | 45 246 |
| | 6.9 | 460 | 200 | 8930 | 1.30 | | | | |
| | 2.7 | 1330 | 255.71 | 27900 | 2.3 | | | | |
| | 2.8 | 1250 | 241.25 | 28000 | 2.4 | R | 97 | DT 90S8 | 115 236 |
| | 3.1 | 1120 | 216.28 | 28100 | 2.7 | RF | 97 | DT 90S8 | 130 237 |
| | 3.6 | 970 | 186.30 | 28300 | 3.1 | | | | |
| | 3.1 | 1140 | 289.74 | 28100 | 2.6 | | | | |
| | 3.5 | 1000 | 255.71 | 28200 | 3.0 | R | 97 | DT 80K6 | 105 236 |
| | 3.7 | 950 | 241.25 | 28300 | 3.2 | RF | 97 | DT 80K6 | 125 237 |
| | 4.2 | 850 | 216.28 | 28400 | 3.5 | | | | |
| | 3.1 | 1130 | 216.54 | 19300 | 1.40 | | | | |
| | 3.3 | 1070 | 205.71 | 19600 | 1.45 | R | 87 | DT 90S8 | 73 234 |
| | 3.7 | 940 | 181.77 | 20000 | 1.65 | RF | 87 | DT 90S8 | 80 235 |
| | 3.6 | 970 | 246.54 | 20000 | 1.60 | | | | |
| | 4.2 | 850 | 216.54 | 20000 | 1.80 | | | | |
| | 4.4 | 810 | 205.71 | 20000 | 1.90 | R | 87 | DT 80K6 | 66 234 |
| | 5.0 | 715 | 181.77 | 20000 | 2.2 | RF | 87 | DT 80K6 | 73 235 |
| | 5.8 | 610 | 155.34 | 20000 | 2.5 | | | | |
| | 6.3 | 560 | 142.41 | 20000 | 2.8 | | | | |
| | 4.7 | 755 | 145.67 | 10500 | 1.10 | | | | |
| | 4.9 | 720 | 138.39 | 10800 | 1.15 | R | 77 | DT 90S8 | 47 232 |
| | 5.6 | 630 | 121.42 | 11400 | 1.30 | RF | 77 | DT 90S8 | 53 233 |
| | 5.4 | 655 | 166.59 | 11200 | 1.25 | | | | |
| | 6.2 | 570 | 145.67 | 11700 | 1.45 | R | 77 | DT 80K6 | 40 232 |
| 6.5 | 545 | 138.39 | 11900 | 1.50 | RF | 77 | DT 80K6 | 46 233 | |
| 7.1 | 500 | 195.24* | 12100 | 1.65 | | | | | |
| 8.3 | 425 | 166.59 | 12400 | 1.90 | | | | | |
| 9.5 | 375 | 145.67 | 12600 | 2.2 | | | | | |
| 10 | 355 | 138.39 | 12600 | 2.3 | R | 77 | DT 71D4 | 38 232 | |
| 11 | 310 | 121.42 | 12800 | 2.6 | RF | 77 | DT 71D4 | 44 233 | |
| 13 | 265 | 102.99 | 12900 | 3.1 | | | | | |
| 15 | 240 | 92.97 | 12900 | 3.5 | | | | | |
| 5.7 | 620 | 158.14 | 7300 | 0.95 | | | | | |
| 6.5 | 540 | 137.67 | 8210 | 1.10 | R | 67 | DT 80K6 | 34 230 | |
| 7.0 | 505 | 128.97 | 8530 | 1.20 | RF | 67 | DT 80K6 | 37 231 | |
| 7.9 | 445 | 113.94 | 9010 | 1.35 | | | | | |





| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.37 | 6.9 | 510 | 199.81 | 8480 | 1.15 | | | | | | |
| | 7.5 | 470 | 184.07 | 8820 | 1.25 | | | | | | |
| | 8.7 | 405 | 158.14 | 9310 | 1.50 | | | | | | |
| | 10 | 355 | 137.67 | 9620 | 1.70 | | | | | | |
| | 11 | 330 | 128.97 | 9740 | 1.80 | | | | | | |
| | 12 | 290 | 113.94 | 9920 | 2.1 | | | | | | |
| | 13 | 270 | 105.83 | 10000 | 2.2 | R | 67 | DT | 71D4 | 32 | 230 |
| | 14 | 245 | 95.91 | 10100 | 2.4 | RF | 67 | DT | 71D4 | 35 | 231 |
| | 16 | 220 | 86.11 | 10200 | 2.7 | | | | | | |
| | 19 | 190 | 74.17 | 10300 | 3.2 | | | | | | |
| | 20 | 179 | 69.75 | 10300 | 3.4 | | | | | | |
| | 23 | 157 | 61.26 | 10400 | 3.8 | | | | | | |
| | 24 | 146 | 56.89 | 10400 | 4.1 | | | | | | |
| | 7.0 | 505 | 128.77 | 6510 | 0.90 | | | | | | |
| | 7.5 | 475 | 120.63 | 7000 | 0.95 | R | 57 | DT | 80K6 | 27 | 228 |
| | 8.4 | 420 | 106.58 | 7240 | 1.10 | RF | 57 | DT | 80K6 | 31 | 229 |
| | 9.1 | 390 | 98.99 | 7350 | 1.15 | | | | | | |
| | 7.4 | 480 | 186.89 | 6980 | 0.95 | | | | | | |
| | 8.0 | 440 | 172.17 | 7140 | 1.00 | | | | | | |
| | 9.3 | 380 | 147.92 | 7390 | 1.20 | | | | | | |
| | 11 | 330 | 128.77 | 7550 | 1.35 | | | | | | |
| | 11 | 310 | 120.63 | 7610 | 1.45 | | | | | | |
| | 13 | 275 | 106.58 | 7700 | 1.65 | | | | | | |
| | 14 | 255 | 98.99 | 7750 | 1.80 | R | 57 | DT | 71D4 | 25 | 228 |
| 15 | 230 | 89.71 | 7800 | 1.95 | RF | 57 | DT | 71D4 | 29 | 229 | |
| 17 | 205 | 80.55 | 7840 | 2.2 | | | | | | | |
| 20 | 177 | 69.23 | 7890 | 2.5 | | | | | | | |
| 21 | 166 | 64.85 | 7910 | 2.7 | | | | | | | |
| 24 | 147 | 57.29 | 7760 | 3.1 | | | | | | | |
| 26 | 136 | 53.22 | 7600 | 3.3 | | | | | | | |
| 29 | 124 | 48.23 | 7380 | 3.6 | | | | | | | |
| 9.9 | 360 | 139.99 | 3490 | 0.85 | | | | | | | |
| 11 | 310 | 121.87 | 5350 | 0.95 | | | | | | | |
| 12 | 290 | 114.17 | 5460 | 1.05 | | | | | | | |
| 14 | 260 | 100.86 | 5630 | 1.15 | | | | | | | |
| 15 | 240 | 93.68 | 5700 | 1.25 | | | | | | | |
| 16 | 215 | 84.90 | 5790 | 1.40 | | | | | | | |
| 18 | 195 | 76.23 | 5870 | 1.55 | | | | | | | |
| 20 | 176 | 68.54 | 5930 | 1.70 | R | 47 | DT | 71D4 | 20 | 226 | |
| 21 | 164 | 64.21 | 5960 | 1.80 | RF | 47 | DT | 71D4 | 20 | 227 | |
| 24 | 145 | 56.73 | 6010 | 2.1 | | | | | | | |
| 26 | 135 | 52.69 | 5990 | 2.2 | | | | | | | |
| 29 | 122 | 47.75 | 5820 | 2.5 | | | | | | | |
| 32 | 110 | 42.87 | 5650 | 2.7 | | | | | | | |
| 37 | 95 | 36.93 | 5410 | 3.2 | | | | | | | |
| 40 | 89 | 34.73 | 5310 | 3.4 | | | | | | | |
| 41 | 87 | 33.79 | 5270 | 2.8 | | | | | | | |
| 44 | 80 | 31.12 | 5150 | 2.8 | R | 47 | DT | 71D4 | 20 | 226 | |
| 52 | 69 | 26.74 | 4920 | 4.4 | RF | 47 | DT | 71D4 | 20 | 227 | |
| 59 | 60 | 23.28 | 4720 | 5.0 | | | | | | | |
| 63 | 56 | 21.81 | 4620 | 5.4 | | | | | | | |
| 15 | 230 | 90.77 | 4250 | 0.85 | | | | | | | |
| 16 | 215 | 84.61 | 4720 | 0.90 | R | 37 | DT | 71D4 | 16 | 224 | |
| 19 | 189 | 73.96 | 5070 | 1.05 | RF | 37 | DT | 71D4 | 17 | 225 | |
| 20 | 178 | 69.33 | 5210 | 1.15 | | | | | | | |
| 23 | 157 | 61.18 | 5410 | 1.30 | | | | | | | |
| 25 | 143 | 55.76 | 5530 | 1.40 | | | | | | | |
| 29 | 123 | 48.08 | 5590 | 1.60 | | | | | | | |
| 31 | 115 | 44.81 | 5480 | 1.75 | R | 37 | DT | 71D4 | 16 | 224 | |
| 35 | 100 | 39.17 | 5290 | 2.0 | RF | 37 | DT | 71D4 | 17 | 225 | |
| 38 | 94 | 36.72 | 5190 | 2.1 | | | | | | | |
| 43 | 83 | 32.40 | 5010 | 2.4 | | | | | | | |
| 48 | 74 | 28.73 | 4850 | 2.7 | | | | | | | |
| 57 | 63 | 24.42 | 4620 | 3.2 | | | | | | | |

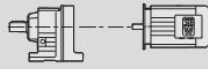



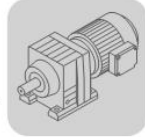
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|--------|----------------------|-----------|----------|----------|--------------|--------------|-------------|------------|
| 0.37 | 49 | 73 | 28.32 | 4830 | 2.8 | R RF | 37 37 | DT DT | 71D4 71D4 | 16 17 | 224 225 |
| | 53 | 67 | 26.03 | 4710 | 2.8 | | | | | | |
| | 62 | 57 | 22.27 | 4500 | 3.5 | | | | | | |
| | 71 | 49 | 19.31 | 4320 | 4.1 | | | | | | |
| | 76 | 46 | 18.05 | 4230 | 4.3 | | | | | | |
| | 88 | 40 | 15.60 | 4050 | 5.0 | R RF | 37 37 | DT DT | 71D4 71D4 | 16 17 | 224 225 |
| | 104 | 34 | 13.25 | 3850 | 5.6 | | | | | | |
| | 117 | 30 | 11.83 | 3720 | 6.0 | | | | | | |
| | | | | | | | | | | | |
| | 23 | 157 | 61.30 | 3870 | 0.85 | R RF | 27 27 | DT DT | 71D4 71D4 | 9.9 9.8 | 222 223 |
| | 25 | 143 | 55.87 | 3800 | 0.90 | | | | | | |
| | 29 | 123 | 48.17 | 3680 | 1.05 | | | | | | |
| | 31 | 115 | 44.90 | 3620 | 1.15 | | | | | | |
| | 35 | 101 | 39.25 | 3510 | 1.30 | | | | | | |
| | 38 | 94 | 36.79 | 3460 | 1.40 | | | | | | |
| | 43 | 83 | 32.47 | 3350 | 1.55 | | | | | | |
| | 48 | 74 | 28.78 | 3250 | 1.75 | | | | | | |
| | 56 | 63 | 24.47 | 3110 | 2.1 | | | | | | |
| | | | | | | | | | | | |
| | 49 | 73 | 28.37 | 3240 | 1.80 | R RF | 27 27 | DT DT | 71D4 71D4 | 9.6 9.6 | 222 223 |
| | 53 | 67 | 26.09 | 3170 | 1.95 | | | | | | |
| | 62 | 57 | 22.32 | 3040 | 2.3 | | | | | | |
| | 71 | 50 | 19.35 | 2920 | 2.6 | | | | | | |
| | 76 | 46 | 18.08 | 2860 | 2.8 | | | | | | |
| | 88 | 40 | 15.63 | 2750 | 3.3 | | | | | | |
| | 104 | 34 | 13.28* | 2620 | 3.8 | | | | | | |
| | 36 | 99 | 38.61 | 770 | 0.85 | R RF | 17 17 | DT DT | 71D4 71D4 | 9.2 9.1 | 220 221 |
| | 38 | 93 | 36.20 | 1260 | 0.90 | | | | | | |
| | 43 | 82 | 31.94 | 1910 | 1.05 | | | | | | |
| | 49 | 73 | 28.32 | 1880 | 1.15 | | | | | | |
| | 57 | 62 | 24.07 | 1830 | 1.40 | | | | | | |
| | 55 | 65 | 25.23 | 1840 | 1.30 | R RF | 17 17 | DT DT | 71D4 71D4 | 8.9 8.8 | 220 221 |
| | 60 | 59 | 23.15 | 1820 | 1.45 | | | | | | |
| | 70 | 51 | 19.71 | 1760 | 1.70 | | | | | | |
| | 81 | 44 | 16.99 | 1710 | 1.95 | | | | | | |
| | 87 | 41 | 15.84 | 1680 | 2.1 | | | | | | |
| | 100 | 35 | 13.84 | 1630 | 2.4 | | | | | | |
| | 106 | 33 | 12.98 | 1610 | 2.6 | | | | | | |
| | 121 | 29 | 11.45 | 1560 | 2.8 | | | | | | |
| | 136 | 26 | 10.15 | 1520 | 3.0 | | | | | | |
| | 160 | 22 | 8.63 | 1460 | 3.3 | | | | | | |
| | 183 | 19 | 7.55 | 1370 | 2.9 | | | | | | |
| | 196 | 18 | 7.04 | 1350 | 3.1 | | | | | | |
| | 224 | 16 | 6.15 | 1300 | 3.4 | | | | | | |
| 239 | 15 | 5.76 | 1280 | 3.6 | | | | | | | |
| 271 | 13 | 5.09 | 1240 | 3.9 | | | | | | | |
| 306 | 12 | 4.51 | 1200 | 4.2 | | | | | | | |
| 360 | 9.8 | 3.83 | 1150 | 4.6 | | | | | | | |
| 75 | 47 | 18.31 | 1000 | 1.05 | R RF | 07 07 | DT DT | 71D4 71D4 | 7.9 7.9 | 218 219 | |
| 83 | 43 | 16.73 | 990 | 1.15 | | | | | | | |
| 98 | 36 | 14.12 | 960 | 1.40 | | | | | | | |
| 114 | 31 | 12.06 | 940 | 1.60 | | | | | | | |
| 123 | 29 | 11.18 | 930 | 1.75 | | | | | | | |
| 143 | 25 | 9.67 | 900 | 2.0 | | | | | | | |
| 153 | 23 | 9.01 | 890 | 2.2 | | | | | | | |
| 176 | 20 | 7.85 | 870 | 2.4 | | | | | | | |
| 185 | 19 | 7.48 | 860 | 2.3 | | | | | | | |
| 202 | 18 | 6.83 | 840 | 2.5 | | | | | | | |
| 239 | 15 | 5.76 | 810 | 2.7 | | | | | | | |
| 280 | 13 | 4.92 | 780 | 2.9 | | | | | | | |
| 302 | 12 | 4.57 | 765 | 3.1 | | | | | | | |
| 350 | 10 | 3.95 | 735 | 3.4 | | | | | | | |
| 375 | 9.4 | 3.68 | 720 | 3.5 | | | | | | | |
| 430 | 8.2 | 3.21 | 695 | 3.8 | | | | | | | |



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.37 | 274 | 13 | 9.67 | 780 | 3.9 | | | | | | |
| | 294 | 12 | 9.01 | 765 | 4.2 | | | | | | |
| | 337 | 11 | 7.85 | 740 | 4.7 | | | | | | |
| | 354 | 10 | 7.48 | 730 | 4.3 | | | | | | |
| | 388 | 9.1 | 6.83 | 715 | 4.7 | | | | | | |
| | 460 | 7.7 | 5.76 | 680 | 5.2 | R | 07 | DR | 63L2 | 7.0 | 218 |
| | 538 | 6.6 | 4.92 | 650 | 5.6 | RF | 07 | DR | 63L2 | 7.0 | 219 |
| | 580 | 6.1 | 4.57 | 640 | 5.9 | | | | | | |
| | 671 | 5.3 | 3.95 | 610 | 6.4 | | | | | | |
| | 720 | 4.9 | 3.68 | 600 | 6.7 | | | | | | |
| | 826 | 4.3 | 3.21 | 575 | 7.2 | | | | | | |
| | 174 | 20 | 5.18 | 4570 | 3.7 | | | | | | |
| | 199 | 18 | 4.53 | 4380 | 4.6 | RX | 67 | DT | 80K6 | 21 | 208 |
| | 209 | 17 | 4.30* | 4310 | 4.7 | RXF | 67 | DT | 80K6 | 25 | 209 |
| | 239 | 15 | 3.77 | 4130 | 5.9 | | | | | | |
| | 227 | 16 | 6.07 | 4200 | 2.8 | | | | | | |
| | 267 | 13 | 5.18 | 3990 | 5.6 | | | | | | |
| | 305 | 12 | 4.53 | 3820 | 7.1 | | | | | | |
| | 321 | 11 | 4.30* | 3760 | 7.3 | | | | | | |
| | 366 | 9.7 | 3.77 | 3610 | 9.0 | RX | 67 | DT | 71D4 | 19 | 208 |
| | 431 | 8.2 | 3.20* | 3420 | 12 | RXF | 67 | DT | 71D4 | 23 | 209 |
| | 478 | 7.4 | 2.89 | 3310 | 14 | | | | | | |
| | 543 | 6.5 | 2.54 | 3170 | 18 | | | | | | |
| | 575 | 6.1 | 2.40* | 3110 | 20 | | | | | | |
| | 675 | 5.2 | 2.04 | 2950 | 26 | | | | | | |
| | 207 | 17 | 4.35 | 3500 | 4.0 | RX | 57 | DT | 80K6 | 18 | 206 |
| | 238 | 15 | 3.79 | 3350 | 4.6 | RXF | 57 | DT | 80K6 | 20 | 207 |
| | 254 | 14 | 3.55* | 3280 | 5.0 | | | | | | |
| | 251 | 14 | 5.50* | 3300 | 2.8 | | | | | | |
| | 272 | 13 | 5.07 | 3210 | 2.8 | | | | | | |
| 317 | 11 | 4.35 | 3060 | 6.1 | | | | | | | |
| 364 | 9.7 | 3.79 | 2930 | 7.1 | | | | | | | |
| 389 | 9.1 | 3.55* | 2870 | 7.6 | | | | | | | |
| 440 | 8.0 | 3.14 | 2760 | 8.1 | RX | 57 | DT | 71D4 | 16 | 206 | |
| 474 | 7.5 | 2.91 | 2690 | 8.9 | RXF | 57 | DT | 71D4 | 18 | 207 | |
| 523 | 6.8 | 2.64* | 2610 | 10 | | | | | | | |
| 582 | 6.1 | 2.37 | 2520 | 11 | | | | | | | |
| 676 | 5.2 | 2.04 | 2400 | 13 | | | | | | | |
| 719 | 4.9 | 1.92* | 2350 | 14 | | | | | | | |
| 835 | 4.2 | 1.65 | 2240 | 16 | | | | | | | |
| 0.55 | 0.22 | 19800 | 6077 | 120000 | 0.90 | | | | | | |
| | 0.25 | 17600 | 5407 | 120000 | 1.00 | R | 167 R97 | DT | 80K4 | 750 | 246 |
| | 0.29 | 15000 | 4650 | 120000 | 1.20 | RF | 167 R97 | DT | 80K4 | 760 | 246 |
| | 0.33 | 13100 | 4129 | 120000 | 1.35 | | | | | | |
| | 0.28 | 16900 | 4926 | 22000 | 0.75 | | | | | | |
| | 0.31 | 14700 | 4325 | 53900 | 0.90 | | | | | | |
| | 0.36 | 12900 | 3754 | 62900 | 1.00 | R | 147 R77 | DT | 80K4 | 425 | 246 |
| | 0.41 | 11200 | 3302 | 65900 | 1.15 | RF | 147 R77 | DT | 80K4 | 430 | 246 |
| | 0.47 | 9830 | 2898 | 68000 | 1.30 | | | | | | |
| | 0.53 | 8890 | 2555 | 69300 | 1.45 | | | | | | |
| | 0.62 | 7700 | 2211 | 70600 | 1.70 | | | | | | |
| | 0.70 | 6790 | 1951 | 71500 | 1.90 | | | | | | |
| | 0.80 | 5810 | 1705 | 72400 | 2.2 | R | 147 R77 | DT | 80K4 | 420 | 246 |
| | 0.89 | 5210 | 1536 | 72800 | 2.5 | RF | 147 R77 | DT | 80K4 | 430 | 246 |
| | 1.0 | 4510 | 1329 | 73300 | 2.9 | | | | | | |
| | 1.2 | 3920 | 1166 | 73600 | 3.3 | | | | | | |
| | 0.55 | 8650 | 2484 | 51200 | 0.90 | R | 137 R77 | DT | 80K4 | 280 | 246 |
| | | | | | | RF | 137 R77 | DT | 80K4 | 305 | 246 |



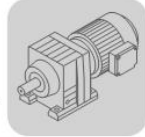
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.55 | 0.51 | 9250 | 2658 | 48400 | 0.85 | | | | | | |
| | 0.56 | 8400 | 2412 | 52300 | 0.95 | | | | | | |
| | 0.66 | 7220 | 2073 | 55000 | 1.10 | | | | | | |
| | 0.74 | 6320 | 1839 | 56500 | 1.25 | | | | | | |
| | 0.85 | 5420 | 1598 | 57900 | 1.50 | R | 137 R77 | DT | 80K4 | 290 | 246 |
| | 0.97 | 4840 | 1397 | 58600 | 1.65 | RF | 137 R77 | DT | 80K4 | 315 | 246 |
| | 1.1 | 4220 | 1226 | 59300 | 1.90 | | | | | | |
| | 1.2 | 3780 | 1090 | 59700 | 2.1 | | | | | | |
| | 1.4 | 3300 | 951 | 60100 | 2.4 | | | | | | |
| | 1.6 | 2820 | 831 | 60500 | 2.8 | | | | | | |
| 0.97 | 4830 | 1407 | 21900 | 0.90 | | | | | | | |
| 1.1 | 4150 | 1209 | 30200 | 1.05 | | | | | | | |
| 1.3 | 3620 | 1055 | 32700 | 1.20 | | | | | | | |
| 1.5 | 3170 | 919 | 34400 | 1.35 | R | 107 R77 | DT | 80K4 | 200 | 246 | |
| 1.7 | 2830 | 815 | 35500 | 1.50 | RF | 107 R77 | DT | 80K4 | 205 | 246 | |
| 1.9 | 2470 | 717 | 36200 | 1.75 | | | | | | | |
| 2.2 | 2160 | 626 | 36600 | 2.0 | | | | | | | |
| 0.97 | 4810 | 1400 | 22800 | 0.90 | | | | | | | |
| 1.1 | 4180 | 1226 | 30100 | 1.05 | | | | | | | |
| 1.2 | 3740 | 1104 | 32200 | 1.15 | R | 107 R77 | DT | 80K4 | 205 | 246 | |
| 1.4 | 3220 | 939 | 34200 | 1.35 | RF | 107 R77 | DT | 80K4 | 210 | 246 | |
| 1.7 | 2800 | 822 | 35600 | 1.55 | | | | | | | |
| 1.7 | 2870 | 824 | 21800 | 1.05 | | | | | | | |
| 1.8 | 2570 | 737 | 23700 | 1.15 | | | | | | | |
| 2.1 | 2200 | 632 | 25500 | 1.35 | | | | | | | |
| 2.4 | 1920 | 560 | 26700 | 1.55 | | | | | | | |
| 2.8 | 1670 | 484 | 27400 | 1.80 | R | 97 R57 | DT | 80K4 | 130 | 246 | |
| 3.1 | 1510 | 431 | 27600 | 2.0 | RF | 97 R57 | DT | 80K4 | 150 | 246 | |
| 3.6 | 1320 | 379 | 27900 | 2.3 | | | | | | | |
| 4.0 | 1180 | 336 | 28000 | 2.6 | | | | | | | |
| 4.6 | 1030 | 296 | 28200 | 2.9 | | | | | | | |
| 5.5 | 860 | 249 | 28300 | 3.5 | | | | | | | |
| 2.6 | 1820 | 525 | 13600 | 0.85 | | | | | | | |
| 3.0 | 1580 | 456 | 16700 | 1.00 | | | | | | | |
| 3.4 | 1370 | 398 | 18100 | 1.15 | R | 87 R57 | DT | 80K4 | 89 | 246 | |
| 3.9 | 1210 | 352 | 18900 | 1.30 | RF | 87 R57 | DT | 80K4 | 97 | 246 | |
| 4.5 | 1040 | 305 | 19700 | 1.50 | | | | | | | |
| 2.9 | 1690 | 472 | 15900 | 0.90 | | | | | | | |
| 3.4 | 1420 | 400 | 17800 | 1.10 | R | 87 R57 | DT | 80K4 | 88 | 246 | |
| 3.8 | 1280 | 361 | 18600 | 1.20 | RF | 87 R57 | DT | 80K4 | 95 | 246 | |
| 4.9 | 990 | 276 | 4510 | 0.85 | | | | | | | |
| 5.8 | 840 | 236 | 9730 | 1.00 | R | 77 R37 | DT | 80K4 | 49 | 246 | |
| 6.2 | 785 | 221 | 10200 | 1.05 | RF | 77 R37 | DT | 80K4 | 54 | 246 | |
| 7.3 | 660 | 186 | 11200 | 1.25 | | | | | | | |
| 2.7 | 1980 | 255.71 | 26500 | 1.50 | R | 97 | DT | 90L8 | 115 | 236 | |
| 2.8 | 1860 | 241.25 | 26900 | 1.60 | RF | 97 | DT | 90L8 | 130 | 237 | |
| 3.1 | 1670 | 216.28 | 27400 | 1.80 | | | | | | | |
| 3.1 | 1690 | 289.74 | 27400 | 1.75 | | | | | | | |
| 3.5 | 1490 | 255.71 | 27700 | 2.0 | R | 97 | DT | 80N6 | 110 | 236 | |
| 3.7 | 1410 | 241.25 | 27800 | 2.1 | RF | 97 | DT | 80N6 | 125 | 237 | |
| 4.2 | 1260 | 216.28 | 28000 | 2.4 | | | | | | | |
| 4.7 | 1120 | 289.74 | 28100 | 2.7 | | | | | | | |
| 5.3 | 990 | 255.71 | 28200 | 3.0 | R | 97 | DT | 80K4 | 105 | 236 | |
| 5.6 | 930 | 241.25 | 28300 | 3.2 | RF | 97 | DT | 80K4 | 125 | 237 | |
| 6.3 | 840 | 216.28 | 28400 | 3.6 | | | | | | | |
| 3.6 | 1440 | 246.54 | 17700 | 1.10 | | | | | | | |
| 4.2 | 1260 | 216.54 | 18700 | 1.25 | R | 87 | DT | 80N6 | 68 | 234 | |
| 4.4 | 1200 | 205.71 | 19000 | 1.30 | RF | 87 | DT | 80N6 | 75 | 235 | |
| 5.0 | 1060 | 181.77 | 19600 | 1.45 | | | | | | | |
| 5.8 | 910 | 155.34 | 20000 | 1.70 | | | | | | | |

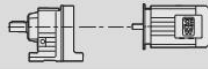



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|---------|----------------------|-----------|----|----|------|------|-------------|-----|
| 0.55 | 5.5 | 950 | 246.54 | 20000 | 1.65 | | | | | | |
| | 6.3 | 840 | 216.54 | 20000 | 1.85 | | | | | | |
| | 6.6 | 795 | 205.71 | 20000 | 1.95 | | | | | | |
| | 7.5 | 700 | 181.77 | 20000 | 2.2 | | | | | | |
| | 8.8 | 600 | 155.34 | 20000 | 2.6 | R | 87 | DT | 80K4 | 66 | 234 |
| | 9.6 | 550 | 142.41 | 20000 | 2.8 | RF | 87 | DT | 80K4 | 73 | 235 |
| | 11 | 485 | 124.97 | 20000 | 3.2 | | | | | | |
| | 11 | 455 | 118.43* | 20000 | 3.4 | | | | | | |
| | 13 | 400 | 103.65 | 20000 | 3.9 | | | | | | |
| | 8.2 | 645 | 166.59 | 11300 | 1.25 | | | | | | |
| 9.3 | 565 | 145.67 | 11800 | 1.45 | | | | | | | |
| 9.8 | 535 | 138.39 | 11900 | 1.55 | | | | | | | |
| 11 | 470 | 121.42 | 12200 | 1.75 | | | | | | | |
| 13 | 400 | 102.99 | 12500 | 2.1 | R | 77 | DT | 80K4 | 40 | 232 | |
| 15 | 360 | 92.97 | 12600 | 2.3 | RF | 77 | DT | 80K4 | 46 | 233 | |
| 17 | 315 | 81.80 | 12800 | 2.6 | | | | | | | |
| 18 | 300 | 77.24 | 12800 | 2.8 | | | | | | | |
| 21 | 255 | 65.77 | 12900 | 3.2 | | | | | | | |
| 8.6 | 610 | 158.14 | 7430 | 1.00 | | | | | | | |
| 9.9 | 530 | 137.67 | 8290 | 1.15 | | | | | | | |
| 11 | 500 | 128.97 | 8600 | 1.20 | | | | | | | |
| 12 | 440 | 113.94 | 9060 | 1.35 | | | | | | | |
| 13 | 410 | 105.83 | 9280 | 1.45 | | | | | | | |
| 14 | 370 | 95.91 | 9520 | 1.60 | R | 67 | DT | 80K4 | 34 | 230 | |
| 16 | 335 | 86.11 | 9730 | 1.80 | RF | 67 | DT | 80K4 | 37 | 231 | |
| 18 | 285 | 74.17 | 9940 | 2.1 | | | | | | | |
| 20 | 270 | 69.75 | 10000 | 2.2 | | | | | | | |
| 22 | 235 | 61.26 | 10100 | 2.5 | | | | | | | |
| 24 | 220 | 56.89 | 10200 | 2.7 | | | | | | | |
| 11 | 465 | 120.63 | 7030 | 0.95 | | | | | | | |
| 13 | 410 | 106.58 | 7260 | 1.10 | | | | | | | |
| 14 | 380 | 98.99 | 7370 | 1.20 | | | | | | | |
| 15 | 345 | 89.71 | 7490 | 1.30 | | | | | | | |
| 17 | 310 | 80.55 | 7600 | 1.45 | | | | | | | |
| 20 | 265 | 69.23 | 7710 | 1.70 | | | | | | | |
| 21 | 250 | 64.85 | 7750 | 1.80 | R | 57 | DT | 80K4 | 27 | 228 | |
| 24 | 220 | 57.29 | 7530 | 2.0 | RF | 57 | DT | 80K4 | 31 | 229 | |
| 26 | 205 | 53.22 | 7390 | 2.2 | | | | | | | |
| 28 | 186 | 48.23 | 7190 | 2.4 | | | | | | | |
| 31 | 167 | 43.30 | 6980 | 2.7 | | | | | | | |
| 36 | 144 | 37.30* | 6700 | 3.1 | | | | | | | |
| 39 | 136 | 35.07 | 6580 | 3.3 | | | | | | | |
| 52 | 102 | 26.31 | 6060 | 4.4 | | | | | | | |
| 54 | 97 | 24.99* | 5970 | 4.7 | R | 57 | DT | 80K4 | 27 | 228 | |
| 62 | 85 | 21.93 | 5740 | 5.3 | RF | 57 | DT | 80K4 | 30 | 229 | |
| 73 | 72 | 18.60* | 5460 | 6.3 | | | | | | | |
| 15 | 360 | 93.68 | 3280 | 0.85 | | | | | | | |
| 16 | 330 | 84.90 | 5230 | 0.90 | | | | | | | |
| 18 | 295 | 76.23 | 5450 | 1.00 | | | | | | | |
| 20 | 265 | 68.54 | 5600 | 1.15 | | | | | | | |
| 21 | 250 | 64.21 | 5670 | 1.20 | | | | | | | |
| 24 | 220 | 56.73 | 5790 | 1.35 | R | 47 | DT | 80K4 | 22 | 226 | |
| 26 | 205 | 52.69 | 5770 | 1.45 | RF | 47 | DT | 80K4 | 22 | 227 | |
| 28 | 184 | 47.75 | 5630 | 1.65 | | | | | | | |
| 32 | 166 | 42.87 | 5470 | 1.80 | | | | | | | |
| 37 | 143 | 36.93 | 5260 | 2.1 | | | | | | | |
| 39 | 134 | 34.73 | 5180 | 2.2 | | | | | | | |
| 46 | 115 | 29.88 | 4970 | 2.6 | | | | | | | |
| 51 | 103 | 26.74 | 4820 | 2.9 | R | 47 | DT | 80K4 | 22 | 226 | |
| 58 | 90 | 23.28 | 4630 | 3.3 | RF | 47 | DT | 80K4 | 22 | 227 | |
| 62 | 84 | 21.81 | 4550 | 3.6 | | | | | | | |





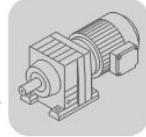
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|--------|----------------------|-----------|----|----|------|------|-------------|-----|
| 0.55 | 22 | 235 | 61.18 | 3910 | 0.85 | | | | | | |
| | 24 | 215 | 55.76 | 4740 | 0.95 | | | | | | |
| | 28 | 186 | 48.08 | 5120 | 1.10 | | | | | | |
| | 30 | 173 | 44.81 | 5230 | 1.15 | | | | | | |
| | 35 | 151 | 39.17 | 5070 | 1.30 | R | 37 | DT | 80K4 | 18 | 224 |
| | 37 | 142 | 36.72 | 4990 | 1.40 | RF | 37 | DT | 80K4 | 19 | 225 |
| | 42 | 125 | 32.40 | 4840 | 1.60 | | | | | | |
| | 47 | 111 | 28.73 | 4700 | 1.80 | | | | | | |
| | 56 | 94 | 24.42 | 4500 | 2.1 | | | | | | |
| | 61 | 86 | 22.27 | 4390 | 2.3 | | | | | | |
| | 70 | 75 | 19.31 | 4220 | 2.7 | | | | | | |
| | 75 | 70 | 18.05 | 4140 | 2.9 | R | 37 | DT | 80K4 | 18 | 224 |
| | 87 | 60 | 15.60 | 3970 | 3.3 | RF | 37 | DT | 80K4 | 19 | 225 |
| | 103 | 51 | 13.25 | 3790 | 3.7 | | | | | | |
| | 115 | 46 | 11.83 | 3670 | 4.0 | | | | | | |
| | 35 | 152 | 39.25 | 3280 | 0.85 | | | | | | |
| | 37 | 142 | 36.79 | 3240 | 0.90 | | | | | | |
| | 42 | 125 | 32.47 | 3160 | 1.05 | R | 27 | DT | 80K4 | 12 | 222 |
| | 47 | 111 | 28.78 | 3080 | 1.15 | RF | 27 | DT | 80K4 | 12 | 223 |
| | 56 | 95 | 24.47 | 2970 | 1.40 | | | | | | |
| | 61 | 86 | 22.32 | 2910 | 1.50 | | | | | | |
| | 70 | 75 | 19.35 | 2810 | 1.75 | | | | | | |
| | 75 | 70 | 18.08 | 2760 | 1.85 | | | | | | |
| | 87 | 60 | 15.63 | 2660 | 2.2 | | | | | | |
| | 102 | 51 | 13.28* | 2550 | 2.5 | | | | | | |
| | 115 | 46 | 11.86 | 2470 | 2.8 | | | | | | |
| | 134 | 39 | 10.13 | 2370 | 3.1 | | | | | | |
| | 145 | 36 | 9.41 | 2290 | 3.4 | R | 27 | DT | 80K4 | 12 | 222 |
| | 167 | 32 | 8.16 | 2200 | 3.7 | RF | 27 | DT | 80K4 | 12 | 223 |
| | 178 | 29 | 7.63* | 2160 | 3.8 | | | | | | |
| | 206 | 26 | 6.59 | 2070 | 4.2 | | | | | | |
| | 243 | 22 | 5.60* | 1980 | 4.6 | | | | | | |
| | 272 | 19 | 5.00* | 1910 | 4.9 | | | | | | |
| | 318 | 17 | 4.27 | 1830 | 5.3 | | | | | | |
| | 340 | 15 | 4.00* | 1790 | 5.5 | | | | | | |
| | 404 | 13 | 3.37 | 1700 | 6.1 | | | | | | |
| | 50 | 105 | 53.76 | 235 | 0.80 | | | | | | |
| | 57 | 92 | 47.44 | 1280 | 0.90 | R | 17 | DT | 71D2 | 9.2 | 220 |
| | 61 | 86 | 44.18 | 1610 | 1.00 | RF | 17 | DT | 71D2 | 9.1 | 221 |
| | 70 | 75 | 38.61 | 1590 | 1.15 | | | | | | |
| | 69 | 76 | 19.71 | 1590 | 1.10 | | | | | | |
| | 80 | 66 | 16.99 | 1560 | 1.30 | | | | | | |
| | 86 | 61 | 15.84 | 1550 | 1.40 | | | | | | |
| | 98 | 54 | 13.84 | 1510 | 1.60 | | | | | | |
| | 105 | 50 | 12.98 | 1500 | 1.70 | | | | | | |
| | 119 | 44 | 11.45 | 1460 | 1.85 | | | | | | |
| | 134 | 39 | 10.15 | 1430 | 1.95 | | | | | | |
| | 158 | 33 | 8.63 | 1380 | 2.2 | R | 17 | DT | 80K4 | 11 | 220 |
| 180 | 29 | 7.55 | 1290 | 1.90 | RF | 17 | DT | 80K4 | 11 | 221 | |
| 193 | 27 | 7.04 | 1270 | 2.0 | | | | | | | |
| 221 | 24 | 6.15 | 1240 | 2.3 | | | | | | | |
| 236 | 22 | 5.76 | 1220 | 2.4 | | | | | | | |
| 267 | 20 | 5.09 | 1190 | 2.6 | | | | | | | |
| 302 | 17 | 4.51 | 1150 | 2.8 | | | | | | | |
| 355 | 15 | 3.83 | 1110 | 3.0 | | | | | | | |
| 313 | 17 | 8.63 | 1170 | 4.3 | | | | | | | |
| 358 | 15 | 7.55 | 1100 | 3.8 | R | 17 | DT | 71D2 | 8.9 | 220 | |
| 384 | 14 | 7.04 | 1080 | 4.0 | RF | 17 | DT | 71D2 | 8.8 | 221 | |
| 439 | 12 | 6.15 | 1050 | 4.5 | | | | | | | |

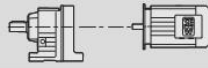



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|-----|
| 0.55 | 147 | 36 | 18.31 | 810 | 1.40 | | | | |
| | 161 | 33 | 16.73 | 800 | 1.55 | | | | |
| | 191 | 28 | 14.12 | 780 | 1.80 | | | | |
| | 224 | 24 | 12.06 | 760 | 2.1 | | | | |
| | 241 | 22 | 11.18 | 750 | 2.3 | | | | |
| | 279 | 19 | 9.67 | 730 | 2.7 | | | | |
| | 300 | 18 | 9.01 | 720 | 2.9 | | | | |
| | 344 | 15 | 7.85 | 700 | 3.2 | R 07 | DT 71D2 | 7.9 | 218 |
| | 361 | 15 | 7.48 | 695 | 3.0 | RF 07 | DT 71D2 | 7.9 | 219 |
| | 395 | 13 | 6.83 | 680 | 3.2 | | | | |
| | 468 | 11 | 5.76 | 650 | 3.6 | | | | |
| | 548 | 9.6 | 4.92 | 625 | 3.9 | | | | |
| | 591 | 8.9 | 4.57 | 615 | 4.0 | | | | |
| | 684 | 7.7 | 3.95 | 590 | 4.4 | | | | |
| | 734 | 7.2 | 3.68 | 580 | 4.6 | | | | |
| | 842 | 6.2 | 3.21 | 555 | 5.0 | | | | |
| | 174 | 30 | 5.18 | 4510 | 2.5 | | | | |
| | 199 | 26 | 4.53 | 4320 | 3.1 | RX 67 | DT 80N6 | 22 | 208 |
| | 209 | 25 | 4.30* | 4260 | 3.2 | RXF 67 | DT 80N6 | 26 | 209 |
| | 239 | 22 | 3.77 | 4090 | 4.0 | | | | |
| | 263 | 20 | 5.18 | 3970 | 3.8 | | | | |
| | 300 | 18 | 4.53 | 3800 | 4.7 | | | | |
| | 316 | 17 | 4.30* | 3740 | 4.8 | | | | |
| | 360 | 15 | 3.77 | 3590 | 6.0 | | | | |
| | 425 | 12 | 3.20* | 3410 | 8.1 | RX 67 | DT 80K4 | 21 | 208 |
| | 471 | 11 | 2.89 | 3300 | 9.5 | RXF 67 | DT 80K4 | 25 | 209 |
| | 535 | 9.8 | 2.54 | 3170 | 12 | | | | |
| | 567 | 9.3 | 2.40* | 3110 | 13 | | | | |
| | 666 | 7.9 | 2.04 | 2950 | 17 | | | | |
| | 732 | 7.2 | 1.86 | 2860 | 18 | | | | |
| | 845 | 6.2 | 1.61 | 2730 | 18 | | | | |
| | 207 | 25 | 4.35 | 3440 | 2.7 | | | | |
| | 238 | 22 | 3.79 | 3300 | 3.1 | RX 57 | DT 80N6 | 19 | 206 |
| | 254 | 21 | 3.55* | 3230 | 3.3 | RXF 57 | DT 80N6 | 21 | 207 |
| | 287 | 18 | 3.14 | 3110 | 3.6 | | | | |
| | 309 | 17 | 2.91 | 3040 | 3.9 | | | | |
| | 312 | 17 | 4.35 | 3040 | 4.1 | | | | |
| | 359 | 15 | 3.79 | 2910 | 4.7 | | | | |
| | 383 | 14 | 3.55* | 2850 | 5.0 | | | | |
| | 434 | 12 | 3.14 | 2740 | 5.4 | | | | |
| | 467 | 11 | 2.91 | 2680 | 6.0 | | | | |
| | 515 | 10 | 2.64* | 2600 | 6.8 | RX 57 | DT 80K4 | 18 | 206 |
| | 574 | 9.2 | 2.37 | 2510 | 7.5 | RXF 57 | DT 80K4 | 20 | 207 |
| | 666 | 7.9 | 2.04 | 2390 | 8.7 | | | | |
| | 708 | 7.4 | 1.92* | 2350 | 9.3 | | | | |
| 823 | 6.4 | 1.65 | 2230 | 11 | | | | | |
| 921 | 5.7 | 1.48 | 2150 | 12 | | | | | |
| 1045 | 5.0 | 1.30 | 2070 | 13 | | | | | |
| 0.75 | 0.30 | 20700 | 4650 | 120000 | 0.85 | R 167 R97 | DT 80N4 | 750 | 246 |
| | 0.33 | 18200 | 4129 | 120000 | 1.00 | RF 167 R97 | DT 80N4 | 760 | 246 |
| | 0.52 | 12100 | 2657 | 120000 | 1.50 | | | | |
| | 0.59 | 10500 | 2333 | 120000 | 1.70 | R 167 R97 | DT 80N4 | 750 | 246 |
| | 0.66 | 9300 | 2085 | 120000 | 1.95 | RF 167 R97 | DT 80N4 | 760 | 246 |
| | 0.96 | 6550 | 1438 | 120000 | 2.8 | | | | |
| | 0.42 | 15300 | 3302 | 46300 | 0.85 | R 147 R77 | DT 80N4 | 425 | 246 |
| | 0.48 | 13400 | 2898 | 61800 | 0.95 | RF 147 R77 | DT 80N4 | 435 | 246 |
| | 0.54 | 12100 | 2555 | 64400 | 1.10 | | | | |
| | 0.62 | 10500 | 2211 | 67100 | 1.25 | | | | |
| | 0.71 | 9230 | 1951 | 68800 | 1.40 | | | | |
| | 0.81 | 7940 | 1705 | 70400 | 1.65 | R 147 R77 | DT 80N4 | 425 | 246 |
| | 0.90 | 7130 | 1536 | 71200 | 1.80 | RF 147 R77 | DT 80N4 | 435 | 246 |
| | 1.0 | 6170 | 1329 | 72100 | 2.1 | | | | |
| | 1.2 | 5380 | 1166 | 72700 | 2.4 | | | | |





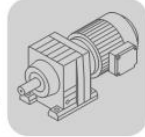
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.75 | 0.74 | 8730 | 1863 | 50900 | 0.90 | | | | | |
| | 0.87 | 7390 | 1586 | 54600 | 1.10 | R | 137 R77 | DT 80N4 | 285 | 246 |
| | 0.99 | 6580 | 1391 | 56100 | 1.20 | RF | 137 R77 | DT 80N4 | 305 | 246 |
| | 1.1 | 5920 | 1256 | 57100 | 1.35 | | | | | |
| | 0.67 | 9810 | 2073 | 37900 | 0.80 | | | | | |
| | 0.75 | 8610 | 1839 | 51400 | 0.95 | | | | | |
| | 0.86 | 7410 | 1598 | 54600 | 1.10 | | | | | |
| | 0.99 | 6590 | 1397 | 56100 | 1.20 | | | | | |
| | 1.1 | 5750 | 1226 | 57400 | 1.40 | R | 137 R77 | DT 80N4 | 295 | 246 |
| | 1.3 | 5140 | 1090 | 58200 | 1.55 | RF | 137 R77 | DT 80N4 | 315 | 246 |
| | 1.4 | 4490 | 951 | 59000 | 1.80 | | | | | |
| | 1.7 | 3860 | 831 | 59600 | 2.1 | | | | | |
| | 1.9 | 3360 | 730 | 60100 | 2.4 | | | | | |
| | 1.3 | 4940 | 1055 | 16400 | 0.85 | R | 107 R77 | DT 80N4 | 200 | 246 |
| | 1.5 | 4310 | 919 | 29400 | 1.00 | RF | 107 R77 | DT 80N4 | 205 | 246 |
| | 1.7 | 3840 | 815 | 31700 | 1.10 | | | | | |
| | 1.5 | 4400 | 939 | 28900 | 1.00 | | | | | |
| | 1.7 | 3830 | 822 | 31800 | 1.10 | R | 107 R77 | DT 80N4 | 205 | 246 |
| | 3.7 | 1710 | 369 | 37100 | 2.5 | RF | 107 R77 | DT 80N4 | 210 | 246 |
| | 4.3 | 1490 | 323 | 37200 | 2.9 | | | | | |
| | 2.2 | 2990 | 632 | 20100 | 1.00 | | | | | |
| | 2.5 | 2620 | 560 | 23400 | 1.15 | | | | | |
| | 2.9 | 2270 | 484 | 25200 | 1.30 | | | | | |
| | 3.2 | 2050 | 431 | 26200 | 1.45 | R | 97 R57 | DT 80N4 | 135 | 246 |
| | 3.6 | 1800 | 379 | 27100 | 1.65 | RF | 97 R57 | DT 80N4 | 150 | 246 |
| | 4.1 | 1600 | 336 | 27500 | 1.90 | | | | | |
| | 4.7 | 1400 | 296 | 27800 | 2.1 | | | | | |
| | 5.5 | 1170 | 249 | 28100 | 2.6 | | | | | |
| | 3.5 | 1870 | 398 | 9720 | 0.85 | | | | | |
| | 3.9 | 1650 | 352 | 16200 | 0.95 | R | 87 R57 | DT 80N4 | 90 | 246 |
| | 4.5 | 1430 | 305 | 17700 | 1.10 | RF | 87 R57 | DT 80N4 | 98 | 246 |
| | 5.2 | 1260 | 268 | 18700 | 1.25 | | | | | |
| | 5.9 | 1110 | 236 | 19400 | 1.40 | | | | | |
| | 3.8 | 1740 | 361 | 15500 | 0.90 | R | 87 R57 | DT 80N4 | 89 | 246 |
| | 4.6 | 1440 | 300 | 17700 | 1.10 | RF | 87 R57 | DT 80N4 | 96 | 246 |
| | 5.4 | 1220 | 256 | 18900 | 1.25 | | | | | |
| | 2.8 | 2610 | 251.15 | 36000 | 1.65 | R | 107 | DV 100M8 | 180 | 238 |
| | 3.0 | 2390 | 229.95 | 36300 | 1.80 | RF | 107 | DV 100M8 | 185 | 239 |
| | 3.4 | 2110 | 203.16 | 36700 | 2.0 | | | | | |
| | 3.2 | 2240 | 216.28 | 25300 | 1.35 | R | 97 | DV 100M8 | 125 | 236 |
| | 3.7 | 1930 | 186.30 | 26600 | 1.55 | RF | 97 | DV 100M8 | 140 | 237 |
| | 4.1 | 1760 | 170.02 | 27200 | 1.70 | | | | | |
| | 3.5 | 2030 | 255.71 | 26200 | 1.45 | | | | | |
| | 3.7 | 1920 | 241.25 | 26700 | 1.55 | R | 97 | DT 90S6 | 115 | 236 |
| | 4.2 | 1720 | 216.28 | 27300 | 1.75 | RF | 97 | DT 90S6 | 130 | 237 |
| | 4.8 | 1500 | 289.74 | 27600 | 2.0 | | | | | |
| | 5.4 | 1330 | 255.71 | 27900 | 2.3 | | | | | |
| | 5.7 | 1250 | 241.25 | 28000 | 2.4 | R | 97 | DT 80N4 | 110 | 236 |
| | 6.4 | 1120 | 216.28 | 28100 | 2.7 | RF | 97 | DT 80N4 | 125 | 237 |
| | 7.4 | 970 | 186.30 | 28300 | 3.1 | | | | | |
| | 8.1 | 880 | 170.02 | 28300 | 3.4 | | | | | |
| | 4.2 | 1720 | 216.54 | 15600 | 0.90 | R | 87 | DT 90S6 | 73 | 234 |
| | 4.4 | 1640 | 205.71 | 16300 | 0.95 | RF | 87 | DT 90S6 | 80 | 235 |
| | 5.0 | 1450 | 181.77 | 17600 | 1.05 | | | | | |
| | 5.8 | 1240 | 155.34 | 18800 | 1.25 | R | 87 | DT 90S6 | 73 | 234 |
| | 6.3 | 1130 | 142.41 | 19300 | 1.35 | RF | 87 | DT 90S6 | 80 | 235 |



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 0.75 | 5.6 | 1280 | 246.54 | 18600 | 1.20 | | | | | | |
| | 6.4 | 1120 | 216.54 | 19300 | 1.40 | | | | | | |
| | 6.7 | 1070 | 205.71 | 19600 | 1.45 | | | | | | |
| | 7.6 | 940 | 181.77 | 20000 | 1.65 | | | | | | |
| | 8.9 | 810 | 155.34 | 20000 | 1.90 | R | 87 | DT | 80N4 | 68 | 234 |
| | 9.7 | 740 | 142.41 | 20000 | 2.1 | RF | 87 | DT | 80N4 | 75 | 235 |
| | 11 | 650 | 124.97 | 20000 | 2.4 | | | | | | |
| | 12 | 615 | 118.43* | 20000 | 2.5 | | | | | | |
| | 13 | 540 | 103.65 | 20000 | 2.9 | | | | | | |
| | 15 | 485 | 93.38 | 20000 | 3.2 | | | | | | |
| | 8.3 | 860 | 166.59 | 9490 | 0.95 | | | | | | |
| | 9.5 | 755 | 145.67 | 10500 | 1.10 | R | 77 | DT | 80N4 | 42 | 232 |
| | 10 | 720 | 138.39 | 10800 | 1.15 | RF | 77 | DT | 80N4 | 48 | 233 |
| | 11 | 630 | 121.42 | 11400 | 1.30 | | | | | | |
| | 13 | 535 | 102.99 | 11900 | 1.55 | | | | | | |
| 15 | 485 | 92.97 | 12200 | 1.70 | | | | | | | |
| 17 | 425 | 81.80 | 12400 | 1.95 | | | | | | | |
| 18 | 400 | 77.24 | 12500 | 2.1 | R | 77 | DT | 80N4 | 42 | 232 | |
| 21 | 340 | 65.77 | 12700 | 2.4 | RF | 77 | DT | 80N4 | 48 | 233 | |
| 24 | 300 | 57.68 | 12800 | 2.7 | | | | | | | |
| 27 | 270 | 52.07 | 12900 | 3.0 | | | | | | | |
| 30 | 240 | 45.81 | 12900 | 3.5 | | | | | | | |
| 32 | 225 | 43.26 | 13000 | 3.7 | | | | | | | |
| 11 | 670 | 128.97 | 4040 | 0.90 | | | | | | | |
| 12 | 590 | 113.94 | 7660 | 1.00 | | | | | | | |
| 13 | 550 | 105.83 | 8120 | 1.10 | | | | | | | |
| 14 | 500 | 95.91 | 8600 | 1.20 | | | | | | | |
| 16 | 445 | 86.11 | 9010 | 1.35 | R | 67 | DT | 80N4 | 35 | 230 | |
| 19 | 385 | 74.17 | 9430 | 1.55 | RF | 67 | DT | 80N4 | 38 | 231 | |
| 20 | 360 | 69.75 | 9570 | 1.65 | | | | | | | |
| 23 | 320 | 61.26 | 9800 | 1.90 | | | | | | | |
| 24 | 295 | 56.89 | 9910 | 2.0 | | | | | | | |
| 27 | 270 | 51.56 | 10000 | 2.2 | | | | | | | |
| 30 | 240 | 46.29 | 10100 | 2.5 | | | | | | | |
| 13 | 555 | 106.58 | 4610 | 0.80 | | | | | | | |
| 14 | 515 | 98.99 | 6200 | 0.90 | | | | | | | |
| 15 | 465 | 89.71 | 7040 | 0.95 | R | 57 | DT | 80N4 | 28 | 228 | |
| 17 | 420 | 80.55 | 7240 | 1.10 | RF | 57 | DT | 80N4 | 32 | 229 | |
| 20 | 360 | 69.23 | 7450 | 1.25 | | | | | | | |
| 21 | 335 | 64.85 | 7430 | 1.35 | | | | | | | |
| 24 | 295 | 57.29 | 7220 | 1.50 | | | | | | | |
| 26 | 275 | 53.22 | 7090 | 1.65 | | | | | | | |
| 29 | 250 | 48.23 | 6930 | 1.80 | | | | | | | |
| 32 | 225 | 43.30 | 6740 | 2.0 | R | 57 | DT | 80N4 | 28 | 228 | |
| 37 | 194 | 37.30* | 6490 | 2.3 | RF | 57 | DT | 80N4 | 32 | 229 | |
| 39 | 182 | 35.07 | 6380 | 2.5 | | | | | | | |
| 46 | 157 | 30.18 | 6130 | 2.9 | | | | | | | |
| 51 | 140 | 26.97 | 5940 | 3.2 | | | | | | | |
| 52 | 137 | 26.31 | 5900 | 3.3 | | | | | | | |
| 55 | 130 | 24.99* | 5820 | 3.5 | R | 57 | DT | 80N4 | 28 | 228 | |
| 63 | 114 | 21.93 | 5610 | 4.0 | RF | 57 | DT | 80N4 | 31 | 229 | |
| 74 | 97 | 18.60* | 5350 | 4.7 | | | | | | | |
| 20 | 355 | 68.54 | 3660 | 0.85 | R | 47 | DT | 80N4 | 23 | 226 | |
| 21 | 335 | 64.21 | 4950 | 0.90 | RF | 47 | DT | 80N4 | 23 | 227 | |
| 24 | 295 | 56.73 | 5450 | 1.00 | | | | | | | |
| 26 | 275 | 52.69 | 5480 | 1.10 | | | | | | | |
| 29 | 250 | 47.75 | 5370 | 1.20 | | | | | | | |
| 32 | 225 | 42.87 | 5240 | 1.35 | | | | | | | |
| 37 | 192 | 36.93 | 5060 | 1.55 | R | 47 | DT | 80N4 | 23 | 226 | |
| 40 | 180 | 34.73 | 4980 | 1.65 | RF | 47 | DT | 80N4 | 23 | 227 | |
| 46 | 155 | 29.88 | 4800 | 1.95 | | | | | | | |
| 52 | 139 | 26.70 | 4660 | 2.2 | | | | | | | |
| 58 | 122 | 23.59 | 4510 | 2.5 | | | | | | | |
| 52 | 139 | 26.74 | 4660 | 2.2 | | | | | | | |
| 59 | 121 | 23.28 | 4490 | 2.5 | | | | | | | |
| 63 | 113 | 21.81 | 4420 | 2.7 | R | 47 | DT | 80N4 | 23 | 226 | |
| 72 | 100 | 19.27 | 4270 | 3.0 | RF | 47 | DT | 80N4 | 23 | 227 | |
| 77 | 93 | 17.89 | 4180 | 3.1 | | | | | | | |
| 85 | 84 | 16.22 | 4070 | 3.3 | | | | | | | |

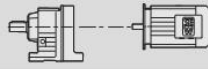



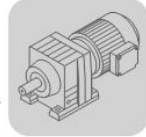
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 0.75 | 29 | 250 | 48.08 | 2330 | 0.80 | | | | | |
| | 31 | 235 | 44.81 | 4230 | 0.85 | R | 37 | DT 80N4 | 19 | 224 |
| | 35 | 205 | 39.17 | 4720 | 1.00 | RF | 37 | DT 80N4 | 20 | 225 |
| | 38 | 191 | 36.72 | 4740 | 1.05 | | | | | |
| | 43 | 168 | 32.40 | 4610 | 1.20 | R | 37 | DT 80N4 | 19 | 224 |
| | 48 | 149 | 28.73 | 4490 | 1.35 | RF | 37 | DT 80N4 | 20 | 225 |
| | 57 | 127 | 24.42 | 4320 | 1.60 | | | | | |
| | 62 | 116 | 22.27 | 4230 | 1.75 | | | | | |
| | 71 | 100 | 19.31 | 4080 | 2.0 | | | | | |
| | 76 | 94 | 18.05 | 4010 | 2.1 | | | | | |
| | 88 | 81 | 15.60 | 3850 | 2.5 | R | 37 | DT 80N4 | 19 | 224 |
| | 104 | 69 | 13.25 | 3690 | 2.8 | RF | 37 | DT 80N4 | 20 | 225 |
| | 117 | 61 | 11.83 | 3570 | 3.0 | | | | | |
| | 137 | 53 | 10.11 | 3420 | 3.2 | | | | | |
| | 146 | 49 | 9.47 | 3360 | 3.4 | | | | | |
| | 48 | 149 | 28.78 | 2880 | 0.85 | R | 27 | DT 80N4 | 13 | 222 |
| | 56 | 127 | 24.47 | 2800 | 1.00 | RF | 27 | DT 80N4 | 13 | 223 |
| | 62 | 116 | 22.32 | 2750 | 1.10 | | | | | |
| | 71 | 100 | 19.35 | 2670 | 1.30 | | | | | |
| | 76 | 94 | 18.08 | 2630 | 1.40 | | | | | |
| | 88 | 81 | 15.63 | 2550 | 1.60 | | | | | |
| | 104 | 69 | 13.28* | 2450 | 1.90 | | | | | |
| | 116 | 62 | 11.86 | 2380 | 2.1 | R | 27 | DT 80N4 | 13 | 222 |
| | 136 | 53 | 10.13 | 2290 | 2.3 | RF | 27 | DT 80N4 | 13 | 223 |
| | 147 | 49 | 9.41 | 2210 | 2.5 | | | | | |
| | 169 | 42 | 8.16 | 2130 | 2.7 | | | | | |
| | 181 | 40 | 7.63* | 2090 | 2.8 | | | | | |
| | 209 | 34 | 6.59 | 2010 | 3.1 | | | | | |
| | 246 | 29 | 5.60* | 1930 | 3.4 | | | | | |
| | 276 | 26 | 5.00* | 1870 | 3.7 | | | | | |
| | 70 | 102 | 19.71 | 465 | 0.85 | | | | | |
| | 81 | 88 | 16.99 | 1390 | 0.95 | | | | | |
| | 87 | 82 | 15.84 | 1380 | 1.05 | | | | | |
| | 100 | 72 | 13.84 | 1370 | 1.20 | | | | | |
| | 106 | 67 | 12.98 | 1360 | 1.25 | | | | | |
| | 121 | 59 | 11.45 | 1350 | 1.35 | | | | | |
| | 136 | 53 | 10.15 | 1320 | 1.45 | R | 17 | DT 80N4 | 12 | 220 |
| | 160 | 45 | 8.63 | 1290 | 1.60 | RF | 17 | DT 80N4 | 12 | 221 |
| | 183 | 39 | 7.55 | 1200 | 1.45 | | | | | |
| | 196 | 37 | 7.04 | 1180 | 1.50 | | | | | |
| | 224 | 32 | 6.15 | 1160 | 1.70 | | | | | |
| | 239 | 30 | 5.76 | 1150 | 1.75 | | | | | |
| | 271 | 26 | 5.09 | 1120 | 1.95 | | | | | |
| | 306 | 23 | 4.51 | 1090 | 2.1 | | | | | |
| | 360 | 20 | 3.83 | 1060 | 2.3 | | | | | |
| | 236 | 30 | 11.45 | 1200 | 2.7 | | | | | |
| | 266 | 27 | 10.15 | 1170 | 2.9 | | | | | |
| | 313 | 23 | 8.63 | 1130 | 3.1 | | | | | |
| | 358 | 20 | 7.55 | 1060 | 2.8 | | | | | |
| | 384 | 19 | 7.04 | 1040 | 2.9 | R | 17 | DT 80K2 | 11 | 220 |
| 439 | 16 | 6.15 | 1010 | 3.3 | RF | 17 | DT 80K2 | 11 | 221 | |
| 468 | 15 | 5.76 | 990 | 3.5 | | | | | | |
| 531 | 14 | 5.09 | 960 | 3.8 | | | | | | |
| 599 | 12 | 4.51 | 930 | 4.0 | | | | | | |
| 704 | 10 | 3.83 | 890 | 4.4 | | | | | | |
| 199 | 36 | 4.53 | 4260 | 2.3 | | | | | | |
| 209 | 34 | 4.30* | 4200 | 2.3 | RX | 67 | DT 90S6 | 27 | 208 | |
| 239 | 30 | 3.77 | 4040 | 2.9 | RXF | 67 | DT 90S6 | 31 | 209 | |
| 281 | 26 | 3.20* | 3840 | 3.9 | | | | | | |

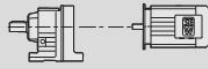



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|-------|----------------------|-----------|---------|---------|------|------|-------------|-----|
| 0.75 | 267 | 27 | 5.18 | 3900 | 2.8 | | | | | | |
| | 305 | 24 | 4.53 | 3750 | 3.5 | | | | | | |
| | 321 | 22 | 4.30* | 3690 | 3.6 | | | | | | |
| | 366 | 20 | 3.77 | 3540 | 4.4 | | | | | | |
| | 431 | 17 | 3.20* | 3360 | 6.0 | | | | | | |
| | 478 | 15 | 2.89 | 3260 | 7.1 | RX | 67 | DT | 80N4 | 22 | 208 |
| | 543 | 13 | 2.54 | 3130 | 8.9 | RXF | 67 | DT | 80N4 | 26 | 209 |
| | 575 | 13 | 2.40* | 3070 | 9.8 | | | | | | |
| | 675 | 11 | 2.04 | 2920 | 13 | | | | | | |
| | 743 | 9.6 | 1.86 | 2830 | 13 | | | | | | |
| | 858 | 8.3 | 1.61 | 2700 | 14 | | | | | | |
| | 238 | 30 | 3.79 | 3240 | 2.3 | | | | | | |
| | 254 | 28 | 3.55* | 3180 | 2.4 | | | | | | |
| | 287 | 25 | 3.14 | 3060 | 2.6 | RX | 57 | DT | 90S6 | 24 | 206 |
| | 309 | 23 | 2.91 | 3000 | 2.9 | RXF | 57 | DT | 90S6 | 26 | 207 |
| | 341 | 21 | 2.64* | 2910 | 3.3 | | | | | | |
| | 317 | 23 | 4.35 | 2980 | 3.0 | | | | | | |
| | 364 | 20 | 3.79 | 2860 | 3.5 | | | | | | |
| | 389 | 18 | 3.55* | 2800 | 3.8 | | | | | | |
| | 440 | 16 | 3.14 | 2700 | 4.0 | | | | | | |
| 474 | 15 | 2.91 | 2630 | 4.4 | | | | | | | |
| 523 | 14 | 2.64* | 2560 | 5.0 | RX | 57 | DT | 80N4 | 19 | 206 | |
| 582 | 12 | 2.37 | 2470 | 5.6 | RXF | 57 | DT | 80N4 | 21 | 207 | |
| 676 | 11 | 2.04 | 2360 | 6.5 | | | | | | | |
| 719 | 10 | 1.92* | 2310 | 6.9 | | | | | | | |
| 835 | 8.6 | 1.65 | 2210 | 8.0 | | | | | | | |
| 935 | 7.7 | 1.48 | 2130 | 8.8 | | | | | | | |
| 1060 | 6.8 | 1.30 | 2050 | 9.3 | | | | | | | |
| 1.1 | 0.53 | 17900 | 2657 | 120000 | 1.00 | | | | | | |
| | 0.60 | 15600 | 2333 | 120000 | 1.15 | | | | | | |
| | 0.67 | 13800 | 2085 | 120000 | 1.30 | | | | | | |
| | 0.75 | 12300 | 1877 | 120000 | 1.45 | R | 167 R97 | DT | 90S4 | 760 | 246 |
| | 0.84 | 11000 | 1670 | 120000 | 1.65 | RF | 167 R97 | DT | 90S4 | 760 | 246 |
| | 0.97 | 9680 | 1438 | 120000 | 1.85 | | | | | | |
| | 1.1 | 8620 | 1279 | 120000 | 2.1 | | | | | | |
| | 1.2 | 7510 | 1123 | 120000 | 2.4 | | | | | | |
| | 0.63 | 15300 | 2211 | 46800 | 0.85 | | | | | | |
| | 0.72 | 13500 | 1951 | 61700 | 0.95 | | | | | | |
| | 0.82 | 11700 | 1705 | 65200 | 1.10 | | | | | | |
| | 0.91 | 10500 | 1536 | 67100 | 1.25 | | | | | | |
| | 1.1 | 9060 | 1329 | 69000 | 1.45 | R | 147 R77 | DT | 90S4 | 430 | 246 |
| | 1.2 | 7920 | 1166 | 70400 | 1.65 | RF | 147 R77 | DT | 90S4 | 440 | 246 |
| | 1.4 | 6960 | 1029 | 71400 | 1.85 | | | | | | |
| | 1.6 | 6030 | 889 | 72200 | 2.2 | | | | | | |
| | 1.8 | 5300 | 784 | 72700 | 2.5 | | | | | | |
| | 2.0 | 4680 | 695 | 73200 | 2.8 | | | | | | |
| | 1.0 | 9610 | 1391 | 41900 | 0.85 | | | | | | |
| | 1.1 | 8660 | 1256 | 51200 | 0.90 | | | | | | |
| | 1.3 | 7590 | 1105 | 54200 | 1.05 | R | 137 R77 | DT | 90S4 | 290 | 246 |
| | 1.3 | 7160 | 1043 | 55100 | 1.10 | RF | 137 R77 | DT | 90S4 | 310 | 246 |
| | 1.6 | 6070 | 888 | 56900 | 1.30 | | | | | | |
| | 1.0 | 9630 | 1397 | 41500 | 0.85 | | | | | | |
| | 1.1 | 8420 | 1226 | 52200 | 0.95 | | | | | | |
| | 1.3 | 7510 | 1090 | 54400 | 1.05 | | | | | | |
| | 1.5 | 6560 | 951 | 56100 | 1.20 | | | | | | |
| | 1.7 | 5670 | 831 | 57500 | 1.40 | R | 137 R77 | DT | 90S4 | 300 | 246 |
| | 1.9 | 4950 | 730 | 58500 | 1.60 | RF | 137 R77 | DT | 90S4 | 320 | 246 |
| | 2.2 | 4230 | 629 | 59300 | 1.90 | | | | | | |
| 2.5 | 3830 | 560 | 59700 | 2.1 | | | | | | | |
| 2.9 | 3300 | 490 | 60100 | 2.4 | | | | | | | |
| 1.9 | 4930 | 717 | 17300 | 0.85 | R | 107 R77 | DT | 90S4 | 205 | 246 | |
| | | | | | RF | 107 R77 | DT | 90S4 | 210 | 246 | |



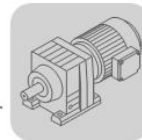
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 1.1 | 2.3 | 4150 | 614 | 30200 | 1.05 | | | | | | |
| | 2.6 | 3670 | 544 | 32500 | 1.15 | | | | | | |
| | 2.8 | 3310 | 492 | 33900 | 1.30 | | | | | | |
| | 3.4 | 2810 | 417 | 35500 | 1.55 | R | 107 R77 | DT | 90S4 | 210 | 246 |
| | 3.8 | 2510 | 369 | 36200 | 1.70 | RF | 107 R77 | DT | 90S4 | 215 | 246 |
| | 4.3 | 2200 | 323 | 36600 | 1.95 | | | | | | |
| | 4.9 | 1930 | 285 | 36800 | 2.2 | | | | | | |
| | 5.5 | 1700 | 253 | 37100 | 2.5 | | | | | | |
| | 3.2 | 2990 | 431 | 20300 | 1.00 | | | | | | |
| | 3.7 | 2620 | 379 | 23400 | 1.15 | | | | | | |
| | 4.2 | 2330 | 336 | 24900 | 1.30 | R | 97 R57 | DT | 90S4 | 140 | 246 |
| | 4.7 | 2050 | 296 | 26200 | 1.45 | RF | 97 R57 | DT | 90S4 | 155 | 246 |
| | 5.6 | 1710 | 249 | 27300 | 1.75 | | | | | | |
| | 6.0 | 1590 | 234 | 27500 | 1.90 | | | | | | |
| | 6.7 | 1430 | 209 | 27700 | 2.1 | | | | | | |
| | 5.2 | 1840 | 268 | 11700 | 0.85 | R | 87 R57 | DT | 90S4 | 95 | 246 |
| | 5.9 | 1630 | 236 | 16400 | 0.95 | RF | 87 R57 | DT | 90S4 | 105 | 246 |
| | 6.7 | 1430 | 209 | 17700 | 1.10 | | | | | | |
| | 5.5 | 1780 | 256 | 15100 | 0.85 | R | 87 R57 | DT | 90S4 | 94 | 246 |
| | 6.0 | 1610 | 232 | 16500 | 0.95 | RF | 87 R57 | DT | 90S4 | 100 | 246 |
| | 7.2 | 1370 | 195 | 18100 | 1.15 | | | | | | |
| | 2.7 | 3940 | 251.15 | 31300 | 1.10 | | | | | | |
| | 2.9 | 3610 | 229.95 | 32700 | 1.20 | R | 107 | DV | 100L8 | 185 | 238 |
| | 3.3 | 3190 | 203.16 | 34300 | 1.35 | RF | 107 | DV | 100L8 | 190 | 239 |
| | 3.9 | 2700 | 172.34 | 35800 | 1.60 | | | | | | |
| | 3.6 | 2920 | 255.71 | 21500 | 1.05 | | | | | | |
| | 3.8 | 2750 | 241.25 | 22600 | 1.10 | R | 97 | DT | 90L6 | 115 | 236 |
| | 4.2 | 2470 | 216.28 | 24200 | 1.20 | RF | 97 | DT | 90L6 | 130 | 237 |
| | 4.9 | 2130 | 186.30 | 25900 | 1.40 | | | | | | |
| | 5.5 | 1920 | 255.71 | 26700 | 1.55 | | | | | | |
| | 5.8 | 1810 | 241.25 | 27100 | 1.65 | | | | | | |
| | 6.5 | 1620 | 216.28 | 27500 | 1.85 | | | | | | |
| | 7.5 | 1400 | 186.30 | 27800 | 2.2 | R | 97 | DT | 90S4 | 115 | 236 |
| | 8.2 | 1280 | 170.02 | 27900 | 2.4 | RF | 97 | DT | 90S4 | 130 | 237 |
| | 9.3 | 1130 | 150.78 | 28100 | 2.7 | | | | | | |
| | 11 | 950 | 126.75 | 28300 | 3.2 | | | | | | |
| | 12 | 870 | 116.48 | 28300 | 3.4 | | | | | | |
| | 6.5 | 1620 | 216.54 | 16400 | 0.95 | R | 87 | DT | 90S4 | 73 | 234 |
| | 6.8 | 1540 | 205.71 | 17000 | 1.00 | RF | 87 | DT | 90S4 | 80 | 235 |
| | 7.7 | 1360 | 181.77 | 18100 | 1.15 | | | | | | |
| | 9.0 | 1170 | 155.34 | 19100 | 1.35 | | | | | | |
| | 9.8 | 1070 | 142.41 | 19600 | 1.45 | | | | | | |
| 11 | 940 | 124.97 | 20000 | 1.65 | | | | | | | |
| 12 | 890 | 118.43* | 20000 | 1.75 | | | | | | | |
| 14 | 780 | 103.65 | 20000 | 2.0 | R | 87 | DT | 90S4 | 73 | 234 | |
| 15 | 700 | 93.38 | 20000 | 2.2 | RF | 87 | DT | 90S4 | 80 | 235 | |
| 17 | 615 | 81.92 | 20000 | 2.5 | | | | | | | |
| 19 | 545 | 72.57 | 20000 | 2.9 | | | | | | | |
| 22 | 480 | 63.68* | 20000 | 3.2 | | | | | | | |
| 23 | 455 | 60.35* | 20000 | 3.4 | | | | | | | |
| 27 | 395 | 52.82 | 20000 | 3.9 | | | | | | | |
| 12 | 910 | 121.42 | 8990 | 0.90 | R | 77 | DT | 90S4 | 47 | 232 | |
| 14 | 775 | 102.99 | 10300 | 1.05 | RF | 77 | DT | 90S4 | 53 | 233 | |
| 15 | 700 | 92.97 | 10900 | 1.20 | | | | | | | |
| 17 | 615 | 81.80 | 11500 | 1.35 | | | | | | | |
| 18 | 580 | 77.24 | 11700 | 1.40 | | | | | | | |
| 21 | 495 | 65.77 | 12100 | 1.65 | | | | | | | |
| 24 | 435 | 57.68 | 12400 | 1.90 | R | 77 | DT | 90S4 | 47 | 232 | |
| 27 | 390 | 52.07 | 12500 | 2.1 | RF | 77 | DT | 90S4 | 53 | 233 | |
| 31 | 345 | 45.81 | 12700 | 2.4 | | | | | | | |
| 32 | 325 | 43.26 | 12700 | 2.5 | | | | | | | |
| 38 | 275 | 36.83 | 12900 | 3.0 | | | | | | | |
| 42 | 250 | 33.47 | 12900 | 3.3 | | | | | | | |

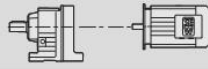



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|--------|----------------------|-----------|--|----|------|------|-------------|---|
| 1.1 | 16 | 645 | 86.11 | 6820 | 0.95 | | | | | | |
| | 19 | 555 | 74.17 | 8040 | 1.10 | | | | | | |
| | 20 | 525 | 69.75 | 8370 | 1.15 | | | | | | |
| | 23 | 460 | 61.26 | 8920 | 1.30 | | | | | | |
| | 25 | 425 | 56.89 | 9160 | 1.40 | | | | | | |
| | 27 | 385 | 51.56 | 9420 | 1.55 | R | 67 | DT | 90S4 | 40 | 230 |
| | 30 | 345 | 46.29 | 9650 | 1.75 | RF | 67 | DT | 90S4 | 43 | 231 |
| | 35 | 300 | 39.88* | 9890 | 1.95 | | | | | | |
| | 37 | 280 | 37.50 | 9970 | 2.0 | | | | | | |
| | 43 | 240 | 32.27 | 10100 | 2.2 | | | | | | |
| | 49 | 215 | 28.83 | 10200 | 2.4 | | | | | | |
| | 50 | 210 | 28.13 | 10200 | 2.6 | | | | | | |
| | 52 | 200 | 26.72 | 10100 | 2.7 | R | 67 | DT | 90S4 | 39 | 230 |
| | 60 | 176 | 23.44 | 9730 | 3.2 | RF | 67 | DT | 90S4 | 42 | 231 |
| | 70 | 149 | 19.89 | 9270 | 4.0 | | | | | | |
| | 20 | 520 | 69.23 | 5990 | 0.85 | R | 57 | DT | 90S4 | 34 | 228 |
| | 22 | 485 | 64.85 | 6850 | 0.90 | RF | 57 | DT | 90S4 | 37 | 229 |
| | 24 | 430 | 57.29 | 6700 | 1.05 | | | | | | |
| | 26 | 400 | 53.22 | 6610 | 1.15 | | | | | | |
| | 29 | 360 | 48.23 | 6490 | 1.25 | | | | | | |
| | 32 | 325 | 43.30 | 6350 | 1.40 | | | | | | |
| | 38 | 280 | 37.30* | 6140 | 1.60 | R | 57 | DT | 90S4 | 34 | 228 |
| | 40 | 265 | 35.07 | 6060 | 1.70 | RF | 57 | DT | 90S4 | 37 | 229 |
| | 46 | 225 | 30.18 | 5850 | 2.0 | | | | | | |
| | 52 | 200 | 26.97 | 5690 | 2.2 | | | | | | |
| | 53 | 197 | 26.31 | 5650 | 2.3 | | | | | | |
| | 56 | 188 | 24.99* | 5580 | 2.4 | | | | | | |
| 64 | 165 | 21.93 | 5400 | 2.7 | R | 57 | DT | 90S4 | 33 | 228 | |
| 75 | 140 | 18.60* | 5170 | 3.2 | RF | 57 | DT | 90S4 | 36 | 229 | |
| 83 | 126 | 16.79 | 5030 | 3.6 | | | | | | | |
| 29 | 360 | 47.75 | 3500 | 0.85 | | | | | | | |
| 33 | 320 | 42.87 | 4850 | 0.95 | | | | | | | |
| 38 | 275 | 36.93 | 4720 | 1.10 | | | | | | | |
| 40 | 260 | 34.73 | 4660 | 1.15 | R | 47 | DT | 90S4 | 28 | 226 | |
| 47 | 225 | 29.88 | 4520 | 1.35 | RF | 47 | DT | 90S4 | 28 | 227 | |
| 52 | 200 | 26.70 | 4410 | 1.50 | | | | | | | |
| 59 | 177 | 23.59 | 4290 | 1.70 | | | | | | | |
| 60 | 175 | 23.28 | 4270 | 1.70 | | | | | | | |
| 64 | 164 | 21.81 | 4210 | 1.85 | | | | | | | |
| 73 | 145 | 19.27 | 4080 | 2.0 | | | | | | | |
| 78 | 134 | 17.89 | 4010 | 2.2 | | | | | | | |
| 86 | 122 | 16.22 | 3910 | 2.3 | R | 47 | DT | 90S4 | 28 | 226 | |
| 96 | 109 | 14.56 | 3800 | 2.4 | RF | 47 | DT | 90S4 | 28 | 227 | |
| 112 | 94 | 12.54 | 3650 | 2.7 | | | | | | | |
| 119 | 89 | 11.79 | 3590 | 2.8 | | | | | | | |
| 138 | 76 | 10.15 | 3450 | 3.0 | | | | | | | |
| 154 | 68 | 9.07 | 3340 | 3.2 | | | | | | | |
| 43 | 245 | 32.40 | 2900 | 0.80 | | | | | | | |
| 49 | 215 | 28.73 | 3300 | 0.95 | R | 37 | DT | 90S4 | 24 | 224 | |
| 57 | 183 | 24.42 | 3720 | 1.10 | RF | 37 | DT | 90S4 | 26 | 225 | |
| 73 | 145 | 19.31 | 3840 | 1.40 | | | | | | | |
| 78 | 135 | 18.05 | 3790 | 1.50 | R | 37 | DT | 90S4 | 24 | 224 | |
| 90 | 117 | 15.60 | 3660 | 1.70 | RF | 37 | DT | 90S4 | 25 | 225 | |
| 106 | 99 | 13.25 | 3520 | 1.90 | | | | | | | |
| 118 | 89 | 11.83 | 3430 | 2.1 | | | | | | | |
| 139 | 76 | 10.11 | 3290 | 2.2 | | | | | | | |
| 148 | 71 | 9.47 | 3230 | 2.4 | | | | | | | |
| 176 | 60 | 7.97 | 3090 | 2.6 | R | 37 | DT | 90S4 | 24 | 224 | |
| 210 | 50 | 6.67 | 2920 | 2.9 | RF | 37 | DT | 90S4 | 25 | 225 | |
| 247 | 43 | 5.67 | 2790 | 3.3 | | | | | | | |
| 277 | 38 | 5.06 | 2700 | 3.6 | | | | | | | |



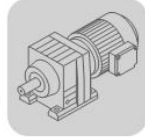
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|--------|----------------------|-----------|-----|----|------|------|-------------|-----|
| 1.1 | 72 | 145 | 19.35 | 2430 | 0.90 | | | | | | |
| | 77 | 136 | 18.08 | 2410 | 0.95 | | | | | | |
| | 90 | 117 | 15.63 | 2360 | 1.10 | | | | | | |
| | 105 | 100 | 13.28* | 2290 | 1.30 | | | | | | |
| | 118 | 89 | 11.86 | 2240 | 1.45 | | | | | | |
| | 138 | 76 | 10.13 | 2160 | 1.60 | | | | | | |
| | 172 | 61 | 8.16 | 2010 | 1.90 | R | | DT | 90S4 | 18 | 222 |
| | 184 | 57 | 7.63* | 1980 | 1.95 | RF | 27 | DT | 90S4 | 18 | 223 |
| | 212 | 50 | 6.59 | 1920 | 2.1 | | | | | | |
| | 250 | 42 | 5.60* | 1840 | 2.4 | | | | | | |
| | 280 | 38 | 5.00* | 1790 | 2.5 | | | | | | |
| | 328 | 32 | 4.27 | 1720 | 2.7 | | | | | | |
| | 350 | 30 | 4.00* | 1690 | 2.8 | | | | | | |
| | 415 | 25 | 3.37 | 1610 | 3.1 | | | | | | |
| | 203 | 52 | 13.28* | 1980 | 2.5 | | | | | | |
| | 228 | 46 | 11.86 | 1920 | 2.8 | | | | | | |
| | 267 | 39 | 10.13 | 1840 | 3.1 | | | | | | |
| | 287 | 37 | 9.41 | 1780 | 3.3 | | | | | | |
| | 331 | 32 | 8.16 | 1720 | 3.7 | | | | | | |
| | 354 | 30 | 7.63* | 1690 | 3.8 | R | 27 | DT | 80N2 | 13 | 222 |
| | 410 | 26 | 6.59 | 1620 | 4.1 | RF | 27 | DT | 80N2 | 13 | 223 |
| | 482 | 22 | 5.60* | 1550 | 4.5 | | | | | | |
| | 540 | 20 | 5.00* | 1500 | 4.9 | | | | | | |
| | 632 | 17 | 4.27 | 1430 | 5.2 | | | | | | |
| | 675 | 16 | 4.00* | 1410 | 5.5 | | | | | | |
| | 801 | 13 | 3.37 | 1340 | 6.0 | | | | | | |
| | 137 | 77 | 19.71 | 1150 | 1.10 | | | | | | |
| | 159 | 66 | 16.99 | 1140 | 1.30 | | | | | | |
| | 170 | 62 | 15.84 | 1140 | 1.40 | | | | | | |
| | 195 | 54 | 13.84 | 1120 | 1.60 | | | | | | |
| | 208 | 51 | 12.98 | 1120 | 1.70 | | | | | | |
| | 236 | 45 | 11.45 | 1100 | 1.80 | | | | | | |
| | 266 | 40 | 10.15 | 1080 | 1.95 | R | 17 | DT | 80N2 | 12 | 220 |
| | 313 | 34 | 8.63 | 1050 | 2.1 | RF | 17 | DT | 80N2 | 12 | 221 |
| | 358 | 29 | 7.55 | 970 | 1.90 | | | | | | |
| | 384 | 27 | 7.04 | 960 | 2.0 | | | | | | |
| | 439 | 24 | 6.15 | 940 | 2.3 | | | | | | |
| | 468 | 22 | 5.76 | 930 | 2.4 | | | | | | |
| | 531 | 20 | 5.09 | 910 | 2.6 | | | | | | |
| | 599 | 18 | 4.51 | 880 | 2.7 | | | | | | |
| | 704 | 15 | 3.83 | 850 | 3.0 | | | | | | |
| | 249 | 42 | 5.63 | 5680 | 2.6 | RX | 77 | DT | 90S4 | 37 | 210 |
| | 262 | 40 | 5.35* | 5590 | 2.6 | RXF | 77 | DT | 90S4 | 40 | 211 |
| | 296 | 36 | 4.73 | 5380 | 3.5 | | | | | | |
| | 203 | 52 | 4.53 | 4130 | 1.60 | RX | 67 | DT | 90L6 | 29 | 208 |
| 214 | 49 | 4.30* | 4070 | 1.65 | RXF | 67 | DT | 90L6 | 33 | 209 | |
| 244 | 43 | 3.77 | 3920 | 2.0 | | | | | | | |
| 309 | 34 | 4.53 | 3660 | 2.4 | | | | | | | |
| 326 | 32 | 4.30* | 3610 | 2.5 | | | | | | | |
| 371 | 28 | 3.77 | 3470 | 3.1 | | | | | | | |
| 438 | 24 | 3.20* | 3300 | 4.2 | | | | | | | |
| 485 | 22 | 2.89 | 3200 | 4.9 | | | | | | | |
| 551 | 19 | 2.54 | 3070 | 6.2 | RX | 67 | DT | 90S4 | 27 | 208 | |
| 583 | 18 | 2.40* | 3020 | 6.8 | RXF | 67 | DT | 90S4 | 31 | 209 | |
| 685 | 15 | 2.04 | 2870 | 8.8 | | | | | | | |
| 754 | 14 | 1.86 | 2780 | 9.1 | | | | | | | |
| 870 | 12 | 1.61 | 2660 | 9.4 | | | | | | | |
| 1000 | 11 | 1.40* | 2550 | 9.9 | | | | | | | |
| 243 | 43 | 3.79 | 3120 | 1.60 | | | | | | | |
| 259 | 41 | 3.55* | 3060 | 1.70 | | | | | | | |
| 293 | 36 | 3.14 | 2960 | 1.80 | RX | 57 | DT | 90L6 | 26 | 206 | |
| 316 | 33 | 2.91 | 2900 | 2.0 | RXF | 57 | DT | 90L6 | 28 | 207 | |
| 348 | 30 | 2.64* | 2820 | 2.3 | | | | | | | |

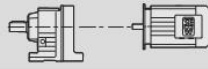



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|------|-----|-----|
| 1.1 | 369 | 28 | 3.79 | 2780 | 2.4 | | | | | | |
| | 394 | 27 | 3.55* | 2730 | 2.6 | | | | | | |
| | 446 | 24 | 3.14 | 2630 | 2.8 | | | | | | |
| | 481 | 22 | 2.91 | 2570 | 3.1 | | | | | | |
| | 530 | 20 | 2.64* | 2500 | 3.5 | | | | | | |
| | 591 | 18 | 2.37 | 2420 | 3.9 | RX | 57 | DT | 90S4 | 24 | 206 |
| | 686 | 15 | 2.04 | 2310 | 4.5 | RXF | 57 | DT | 90S4 | 26 | 207 |
| | 729 | 14 | 1.92* | 2270 | 4.8 | | | | | | |
| | 847 | 12 | 1.65 | 2160 | 5.6 | | | | | | |
| | 948 | 11 | 1.48 | 2090 | 6.1 | | | | | | |
| 1075 | 9.8 | 1.30 | 2010 | 6.4 | | | | | | | |
| 1.5 | 0.60 | 21400 | 2333 | 120000 | 0.85 | | | | | | |
| | 0.68 | 19000 | 2085 | 120000 | 0.95 | | | | | | |
| | 0.75 | 17000 | 1877 | 120000 | 1.05 | | | | | | |
| | 0.84 | 15100 | 1670 | 120000 | 1.20 | R | 167 R97 | DT | 90L4 | 760 | 246 |
| | 0.98 | 13300 | 1438 | 120000 | 1.35 | RF | 167 R97 | DT | 90L4 | 760 | 246 |
| | 1.1 | 11800 | 1279 | 120000 | 1.50 | | | | | | |
| | 1.3 | 10300 | 1123 | 120000 | 1.75 | | | | | | |
| | 1.4 | 9180 | 999 | 120000 | 1.95 | | | | | | |
| | 3.3 | 3920 | 426 | 73600 | 3.3 | R | 147 R87 | DT | 90L4 | 450 | 246 |
| | 3.8 | 3380 | 368 | 73800 | 3.8 | RF | 147 R87 | DT | 90L4 | 460 | 246 |
| | 0.83 | 15900 | 1705 | 37900 | 0.80 | | | | | | |
| | 0.92 | 14300 | 1536 | 58600 | 0.90 | | | | | | |
| | 1.1 | 12400 | 1329 | 63900 | 1.05 | | | | | | |
| | 1.2 | 10800 | 1166 | 66500 | 1.20 | | | | | | |
| | 1.4 | 9530 | 1029 | 68400 | 1.35 | R | 147 R77 | DT | 90L4 | 430 | 246 |
| | 1.6 | 8250 | 889 | 70000 | 1.60 | RF | 147 R77 | DT | 90L4 | 440 | 246 |
| | 1.8 | 7260 | 784 | 71100 | 1.80 | | | | | | |
| | 2.0 | 6420 | 695 | 71900 | 2.0 | | | | | | |
| | 2.3 | 5780 | 619 | 72400 | 2.3 | | | | | | |
| | 2.5 | 5200 | 558 | 72800 | 2.5 | | | | | | |
| | 1.4 | 9770 | 1043 | 38800 | 0.80 | | | | | | |
| | 1.6 | 8290 | 888 | 52700 | 0.95 | R | 137 R77 | DT | 90L4 | 290 | 246 |
| | 2.0 | 6500 | 699 | 56200 | 1.25 | RF | 137 R77 | DT | 90L4 | 315 | 246 |
| | 2.3 | 5640 | 609 | 57600 | 1.40 | | | | | | |
| | 1.3 | 10200 | 1090 | 26100 | 0.80 | | | | | | |
| | 1.5 | 8940 | 951 | 49900 | 0.90 | | | | | | |
| | 1.7 | 7750 | 831 | 53900 | 1.05 | | | | | | |
| | 1.9 | 6770 | 730 | 55800 | 1.20 | | | | | | |
| | 2.2 | 5800 | 629 | 57300 | 1.40 | R | 137 R77 | DT | 90L4 | 300 | 246 |
| | 2.5 | 5230 | 560 | 58100 | 1.55 | RF | 137 R77 | DT | 90L4 | 320 | 246 |
| | 2.9 | 4530 | 490 | 59000 | 1.75 | | | | | | |
| | 3.3 | 3950 | 428 | 59600 | 2.0 | | | | | | |
| | 3.7 | 3560 | 381 | 59900 | 2.3 | | | | | | |
| | 4.4 | 3020 | 323 | 60300 | 2.7 | | | | | | |
| | 2.7 | 4900 | 528 | 18500 | 0.90 | R | 107 R77 | DT | 90L4 | 205 | 246 |
| | | | | | | RF | 107 R77 | DT | 90L4 | 215 | 246 |
| | 2.6 | 5030 | 544 | 10400 | 0.85 | | | | | | |
| | 2.9 | 4550 | 492 | 28100 | 0.95 | R | 107 R77 | DT | 90L4 | 210 | 246 |
| | 3.4 | 3850 | 417 | 31700 | 1.10 | RF | 107 R77 | DT | 90L4 | 220 | 246 |
| | 3.8 | 3440 | 369 | 33400 | 1.25 | | | | | | |
| 4.4 | 3000 | 323 | 34900 | 1.45 | | | | | | | |
| 3.0 | 4470 | 469 | 28500 | 0.95 | R | 107 R77 | DT | 90L4 | 205 | 246 | |
| | | | | | RF | 107 R77 | DT | 90L4 | 210 | 246 | |
| 4.2 | 3170 | 336 | 11300 | 0.95 | | | | | | | |
| 4.8 | 2790 | 296 | 22400 | 1.10 | R | 97 R57 | DT | 90L4 | 140 | 246 | |
| 5.7 | 2330 | 249 | 24900 | 1.30 | RF | 97 R57 | DT | 90L4 | 155 | 246 | |
| 6.0 | 2180 | 234 | 25600 | 1.40 | | | | | | | |
| 6.8 | 1950 | 209 | 26600 | 1.55 | | | | | | | |
| 3.0 | 4710 | 229.95 | 26500 | 0.90 | | | | | | | |
| 3.5 | 4160 | 203.16 | 30200 | 1.05 | R | 107 | DV | 112M8 | 190 | 238 | |
| 4.1 | 3530 | 172.34 | 33100 | 1.20 | RF | 107 | DV | 112M8 | 195 | 239 | |
| 4.4 | 3250 | 158.68 | 34100 | 1.30 | | | | | | | |

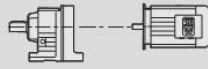



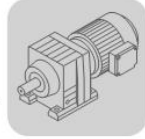
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|---------|----------------------|-----------|----|-----|----|-------|-------------|-----|
| 1.5 | 3.7 | 3910 | 251.15 | 31400 | 1.10 | | | | | | |
| | 4.0 | 3580 | 229.95 | 32900 | 1.20 | | | | | | |
| | 4.5 | 3160 | 203.16 | 34400 | 1.35 | R | 107 | DV | 100M6 | 180 | 238 |
| | 5.3 | 2680 | 172.34 | 35900 | 1.60 | RF | 107 | DV | 100M6 | 185 | 239 |
| | 5.8 | 2470 | 158.68 | 36200 | 1.75 | | | | | | |
| | 6.5 | 2210 | 141.83 | 36500 | 1.95 | | | | | | |
| | 5.5 | 2600 | 255.71 | 23500 | 1.15 | | | | | | |
| | 5.8 | 2450 | 241.25 | 24300 | 1.20 | | | | | | |
| | 6.5 | 2200 | 216.28 | 25600 | 1.35 | | | | | | |
| | 7.6 | 1890 | 186.30 | 26800 | 1.60 | | | | | | |
| | 8.3 | 1730 | 170.02 | 27300 | 1.75 | R | 97 | DT | 90L4 | 115 | 236 |
| | 9.3 | 1530 | 150.78 | 27600 | 1.95 | RF | 97 | DT | 90L4 | 130 | 237 |
| | 11 | 1290 | 126.75 | 27900 | 2.3 | | | | | | |
| | 12 | 1180 | 116.48 | 28000 | 2.5 | | | | | | |
| | 14 | 1050 | 103.44 | 28200 | 2.9 | | | | | | |
| | 15 | 940 | 92.48 | 28300 | 3.2 | | | | | | |
| | 7.8 | 1850 | 181.77 | 11400 | 0.85 | | | | | | |
| | 9.1 | 1580 | 155.34 | 16700 | 1.00 | | | | | | |
| | 9.9 | 1450 | 142.41 | 17600 | 1.05 | R | 87 | DT | 90L4 | 74 | 234 |
| | 11 | 1270 | 124.97 | 18600 | 1.20 | RF | 87 | DT | 90L4 | 81 | 235 |
| | 12 | 1200 | 118.43* | 19000 | 1.30 | | | | | | |
| | 14 | 1050 | 103.65 | 19600 | 1.45 | | | | | | |
| | 15 | 950 | 93.38 | 20000 | 1.65 | | | | | | |
| | 17 | 830 | 81.92 | 20000 | 1.85 | | | | | | |
| | 19 | 735 | 72.57 | 20000 | 2.1 | | | | | | |
| | 22 | 645 | 63.68* | 20000 | 2.4 | R | 87 | DT | 90L4 | 74 | 234 |
| | 23 | 615 | 60.35* | 20000 | 2.5 | RF | 87 | DT | 90L4 | 81 | 235 |
| | 27 | 535 | 52.82 | 20000 | 2.9 | | | | | | |
| | 30 | 485 | 47.58 | 20000 | 3.2 | | | | | | |
| | 34 | 425 | 41.74 | 20000 | 3.7 | | | | | | |
| | 38 | 375 | 36.84* | 19600 | 4.1 | | | | | | |
| | 15 | 940 | 92.97 | 8500 | 0.85 | | | | | | |
| | 17 | 830 | 81.80 | 9820 | 1.00 | R | 77 | DT | 90L4 | 48 | 232 |
| | 18 | 785 | 77.24 | 10200 | 1.05 | RF | 77 | DT | 90L4 | 54 | 233 |
| | 21 | 670 | 65.77 | 11100 | 1.25 | | | | | | |
| | 24 | 585 | 57.68 | 11600 | 1.40 | | | | | | |
| | 27 | 530 | 52.07 | 11900 | 1.55 | | | | | | |
| | 31 | 465 | 45.81 | 12200 | 1.75 | | | | | | |
| | 33 | 440 | 43.26 | 12300 | 1.85 | R | 77 | DT | 90L4 | 48 | 232 |
| | 38 | 375 | 36.83 | 12600 | 2.2 | RF | 77 | DT | 90L4 | 54 | 233 |
| | 42 | 340 | 33.47 | 12700 | 2.4 | | | | | | |
| | 49 | 295 | 29.00 | 12500 | 2.8 | | | | | | |
| | 56 | 255 | 25.23 | 12000 | 3.0 | | | | | | |
| | 60 | 240 | 23.37 | 11800 | 3.5 | | | | | | |
| | 66 | 220 | 21.43 | 11500 | 3.8 | R | 77 | DT | 90L4 | 47 | 232 |
| | 75 | 191 | 18.80 | 11000 | 4.1 | RF | 77 | DT | 90L4 | 53 | 233 |
| | 23 | 620 | 61.26 | 7280 | 0.95 | | | | | | |
| | 25 | 580 | 56.89 | 7810 | 1.05 | | | | | | |
| | 27 | 525 | 51.56 | 8370 | 1.15 | | | | | | |
| | 30 | 470 | 46.29 | 8830 | 1.30 | R | 67 | DT | 90L4 | 42 | 230 |
| | 35 | 405 | 39.88* | 9300 | 1.45 | RF | 67 | DT | 90L4 | 45 | 231 |
| | 38 | 380 | 37.50 | 9460 | 1.50 | | | | | | |
| | 44 | 330 | 32.27 | 9750 | 1.65 | | | | | | |
| | 49 | 295 | 28.83 | 9920 | 1.80 | | | | | | |
| | 50 | 285 | 28.13 | 9950 | 1.90 | | | | | | |
| | 53 | 270 | 26.72 | 9850 | 2.0 | R | 67 | DT | 90L4 | 41 | 230 |
| | 60 | 240 | 23.44 | 9500 | 2.4 | RF | 67 | DT | 90L4 | 44 | 231 |
| | 71 | 200 | 19.89 | 9070 | 3.0 | | | | | | |
| | 79 | 182 | 17.95 | 8810 | 3.2 | | | | | | |
| | 27 | 540 | 53.22 | 5140 | 0.85 | R | 57 | DT | 90L4 | 36 | 228 |
| | 29 | 490 | 48.23 | 6010 | 0.90 | RF | 57 | DT | 90L4 | 39 | 229 |
| | 33 | 440 | 43.30 | 5920 | 1.00 | | | | | | |
| | 38 | 380 | 37.30* | 5770 | 1.20 | | | | | | |
| | 40 | 355 | 35.07 | 5710 | 1.25 | R | 57 | DT | 90L4 | 36 | 228 |
| | 47 | 305 | 30.18 | 5540 | 1.45 | RF | 57 | DT | 90L4 | 39 | 229 |
| | 52 | 275 | 26.97 | 5420 | 1.65 | | | | | | |

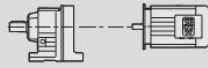



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|--------|
| 1.5 | 54 | 265 | 26.31 | 5390 | 1.70 | | | | |
| | 56 | 255 | 24.99* | 5330 | 1.75 | | | | |
| | 64 | 225 | 21.93 | 5170 | 2.0 | | | | |
| | 76 | 189 | 18.60* | 4980 | 2.4 | R | 57 | DT 90L4 | 35 228 |
| | 84 | 171 | 16.79 | 4850 | 2.6 | RF | 57 | DT 90L4 | 38 229 |
| | 95 | 150 | 14.77* | 4700 | 2.9 | | | | |
| | 101 | 142 | 13.95* | 4630 | 3.0 | | | | |
| | 119 | 121 | 11.88 | 4440 | 3.4 | | | | |
| | 38 | 375 | 36.93 | 2380 | 0.80 | | | | |
| | 41 | 355 | 34.73 | 3840 | 0.85 | R | 47 | DT 90L4 | 30 226 |
| | 47 | 305 | 29.88 | 4220 | 1.00 | RF | 47 | DT 90L4 | 30 227 |
| | 53 | 270 | 26.70 | 4140 | 1.10 | | | | |
| | 60 | 240 | 23.59 | 4050 | 1.25 | | | | |
| | 61 | 235 | 23.28 | 4040 | 1.25 | | | | |
| | 65 | 220 | 21.81 | 3990 | 1.35 | | | | |
| | 73 | 196 | 19.27 | 3890 | 1.50 | | | | |
| | 79 | 182 | 17.89 | 3830 | 1.60 | | | | |
| | 87 | 165 | 16.22 | 3740 | 1.65 | | | | |
| | 97 | 148 | 14.56 | 3650 | 1.80 | | | | |
| | 112 | 127 | 12.54 | 3520 | 1.95 | | | | |
| | 120 | 120 | 11.79 | 3470 | 2.1 | | | | |
| | 139 | 103 | 10.15 | 3340 | 2.2 | R | 47 | DT 90L4 | 30 226 |
| | 155 | 92 | 9.07 | 3240 | 2.4 | RF | 47 | DT 90L4 | 30 227 |
| | 176 | 81 | 8.01 | 3140 | 2.5 | | | | |
| | 182 | 79 | 7.76* | 3060 | 2.1 | | | | |
| | 203 | 71 | 6.96 | 2980 | 2.3 | | | | |
| | 235 | 61 | 6.00 | 2860 | 2.6 | | | | |
| | 250 | 57 | 5.64* | 2810 | 2.7 | | | | |
| | 291 | 49 | 4.85 | 2700 | 3.0 | | | | |
| | 325 | 44 | 4.34 | 2610 | 3.3 | | | | |
| | 368 | 39 | 3.83 | 2520 | 3.7 | | | | |
| | 73 | 196 | 19.31 | 2660 | 1.00 | R | 37 | DT 90L4 | 25 224 |
| | 78 | 183 | 18.05 | 2840 | 1.10 | RF | 37 | DT 90L4 | 27 225 |
| | 90 | 159 | 15.60 | 3160 | 1.25 | | | | |
| | 106 | 135 | 13.25 | 3350 | 1.40 | | | | |
| | 119 | 120 | 11.83 | 3270 | 1.50 | | | | |
| | 140 | 103 | 10.11 | 3160 | 1.65 | | | | |
| | 149 | 96 | 9.47 | 3110 | 1.75 | | | | |
| | 177 | 81 | 7.97 | 2980 | 1.95 | R | 37 | DT 90L4 | 25 224 |
| | 211 | 68 | 6.67 | 2820 | 2.1 | RF | 37 | DT 90L4 | 27 225 |
| | 249 | 58 | 5.67 | 2710 | 2.5 | | | | |
| | 279 | 51 | 5.06 | 2630 | 2.6 | | | | |
| | 326 | 44 | 4.32 | 2520 | 2.9 | | | | |
| | 348 | 41 | 4.05 | 2470 | 3.0 | | | | |
| | 414 | 35 | 3.41 | 2360 | 3.2 | | | | |
| 211 | 68 | 13.25 | 2850 | 2.8 | | | | | |
| 237 | 61 | 11.83 | 2770 | 3.0 | R | 37 | DT 90S2 | 24 224 | |
| 277 | 52 | 10.11 | 2650 | 3.3 | RF | 37 | DT 90S2 | 25 225 | |
| 296 | 48 | 9.47 | 2610 | 3.5 | | | | | |
| 351 | 41 | 7.97 | 2480 | 3.8 | | | | | |
| 90 | 159 | 15.63 | 1700 | 0.80 | | | | | |
| 106 | 135 | 13.28* | 2020 | 0.95 | | | | | |
| 119 | 121 | 11.86 | 2080 | 1.05 | | | | | |
| 139 | 103 | 10.13 | 2030 | 1.20 | | | | | |
| 173 | 83 | 8.16 | 1880 | 1.40 | | | | | |
| 185 | 78 | 7.63* | 1860 | 1.45 | R | 27 | DT 90L4 | 19 222 | |
| 214 | 67 | 6.59 | 1810 | 1.60 | RF | 27 | DT 90L4 | 19 223 | |
| 252 | 57 | 5.60* | 1750 | 1.75 | | | | | |
| 282 | 51 | 5.00* | 1710 | 1.85 | | | | | |
| 330 | 43 | 4.27 | 1650 | 2.0 | | | | | |
| 353 | 41 | 4.00* | 1630 | 2.1 | | | | | |
| 418 | 34 | 3.37 | 1560 | 2.3 | | | | | |



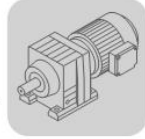
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 1.5 | 236 | 61 | 11.86 | 1820 | 2.1 | | | | | | |
| | 276 | 52 | 10.13 | 1760 | 2.4 | | | | | | |
| | 343 | 42 | 8.16 | 1640 | 2.8 | | | | | | |
| | 367 | 39 | 7.63* | 1610 | 2.9 | | | | | | |
| | 425 | 34 | 6.59 | 1550 | 3.2 | R | 27 | DT | 90S2 | 18 | 222 |
| | 500 | 29 | 5.60* | 1490 | 3.5 | RF | 27 | DT | 90S2 | 18 | 223 |
| | 560 | 26 | 5.00* | 1450 | 3.7 | | | | | | |
| | 656 | 22 | 4.27 | 1390 | 4.0 | | | | | | |
| | 700 | 21 | 4.00* | 1360 | 4.2 | | | | | | |
| | 831 | 17 | 3.37 | 1300 | 4.6 | | | | | | |
| | 250 | 57 | 5.63 | 5580 | 1.90 | | | | | | |
| | 264 | 54 | 5.35* | 5490 | 1.90 | | | | | | |
| | 298 | 48 | 4.73 | 5300 | 2.6 | | | | | | |
| | 349 | 41 | 4.04* | 5050 | 3.5 | | | | | | |
| | 381 | 38 | 3.70 | 4920 | 4.1 | RX | 77 | DT | 90L4 | 38 | 210 |
| | 434 | 33 | 3.25* | 4720 | 5.5 | RXF | 77 | DT | 90L4 | 41 | 211 |
| | 458 | 31 | 3.08* | 4650 | 6.2 | | | | | | |
| | 523 | 27 | 2.70 | 4460 | 7.9 | | | | | | |
| | 581 | 25 | 2.43 | 4310 | 8.7 | | | | | | |
| | | 312 | 46 | 4.53 | 3570 | 1.80 | | | | | |
| 328 | | 44 | 4.30* | 3520 | 1.85 | | | | | | |
| 374 | | 38 | 3.77 | 3390 | 2.3 | | | | | | |
| 441 | | 33 | 3.20* | 3230 | 3.1 | | | | | | |
| 488 | | 29 | 2.89 | 3140 | 3.6 | | | | | | |
| 555 | | 26 | 2.54 | 3020 | 4.6 | RX | 67 | DT | 90L4 | 29 | 208 |
| 588 | | 24 | 2.40* | 2970 | 5.0 | RXF | 67 | DT | 90L4 | 33 | 209 |
| 690 | | 21 | 2.04 | 2820 | 6.4 | | | | | | |
| 759 | | 19 | 1.86 | 2740 | 6.7 | | | | | | |
| 876 | | 16 | 1.61 | 2620 | 7.0 | | | | | | |
| 1005 | 14 | 1.40* | 2510 | 7.3 | | | | | | | |
| | 372 | 39 | 3.79 | 2700 | 1.80 | | | | | | |
| | 397 | 36 | 3.55* | 2650 | 1.90 | | | | | | |
| | 450 | 32 | 3.14 | 2560 | 2.0 | | | | | | |
| | 484 | 30 | 2.91 | 2510 | 2.3 | | | | | | |
| | 534 | 27 | 2.64* | 2440 | 2.6 | | | | | | |
| | 595 | 24 | 2.37 | 2360 | 2.9 | RX | 57 | DT | 90L4 | 26 | 206 |
| | 691 | 21 | 2.04 | 2260 | 3.3 | RXF | 57 | DT | 90L4 | 28 | 207 |
| | 734 | 20 | 1.92* | 2220 | 3.5 | | | | | | |
| | 853 | 17 | 1.65 | 2120 | 4.1 | | | | | | |
| | 955 | 15 | 1.48 | 2050 | 4.5 | | | | | | |
| 1080 | 13 | 1.30 | 1980 | 4.7 | | | | | | | |
| 2.2 | 0.84 | 22600 | 1670 | 120000 | 0.80 | | | | | | |
| | 0.98 | 19700 | 1438 | 120000 | 0.90 | | | | | | |
| | 1.1 | 17500 | 1279 | 120000 | 1.05 | | | | | | |
| | 1.3 | 15300 | 1123 | 120000 | 1.15 | R | 167 R97 | DV | 100M4 | 770 | 246 |
| | 1.4 | 13600 | 999 | 120000 | 1.30 | RF | 167 R97 | DV | 100M4 | 770 | 246 |
| | 1.6 | 11800 | 861 | 120000 | 1.55 | | | | | | |
| | 1.9 | 10400 | 760 | 120000 | 1.75 | | | | | | |
| | 2.1 | 8730 | 656 | 120000 | 2.1 | | | | | | |
| | 2.6 | 7200 | 533 | 71100 | 1.80 | | | | | | |
| | 3.1 | 6190 | 462 | 72100 | 2.1 | | | | | | |
| 3.3 | 5820 | 426 | 72400 | 2.2 | R | 147 R87 | DV | 100M4 | 460 | 246 | |
| 3.8 | 5030 | 368 | 72900 | 2.6 | RF | 147 R87 | DV | 100M4 | 465 | 246 | |
| 4.3 | 4450 | 326 | 73300 | 2.9 | | | | | | | |
| | 1.2 | 16000 | 1166 | 36000 | 0.80 | | | | | | |
| | 1.4 | 14100 | 1029 | 60300 | 0.90 | | | | | | |
| | 1.6 | 12200 | 889 | 64200 | 1.05 | | | | | | |
| | 1.8 | 10800 | 784 | 66600 | 1.20 | | | | | | |
| | 2.0 | 9520 | 695 | 68500 | 1.35 | R | 147 R77 | DV | 100M4 | 435 | 246 |
| | 2.3 | 8550 | 619 | 69700 | 1.50 | RF | 147 R77 | DV | 100M4 | 445 | 246 |
| | 2.5 | 7690 | 558 | 70600 | 1.70 | | | | | | |
| | 2.9 | 6730 | 489 | 71600 | 1.95 | | | | | | |
| | 2.0 | 9620 | 699 | 41800 | 0.85 | R | 137 R77 | DV | 100M4 | 295 | 246 |
| | 2.3 | 8350 | 609 | 52500 | 0.95 | RF | 137 R77 | DV | 100M4 | 320 | 246 |

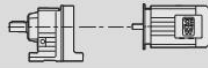



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 2.2 | 1.9 | 10000 | 730 | 33300 | 0.80 | | | | | | |
| | 2.2 | 8610 | 629 | 51400 | 0.95 | | | | | | |
| | 2.5 | 7730 | 560 | 54000 | 1.05 | | | | | | |
| | 2.9 | 6720 | 490 | 55900 | 1.20 | | | | | | |
| | 3.3 | 5860 | 428 | 57200 | 1.35 | R | 137 R77 | DV | 100M4 | 305 | 246 |
| | 3.7 | 5260 | 381 | 58100 | 1.50 | RF | 137 R77 | DV | 100M4 | 330 | 246 |
| | 4.4 | 4460 | 323 | 59000 | 1.80 | | | | | | |
| | 4.8 | 4020 | 291 | 59500 | 2.0 | | | | | | |
| | 5.5 | 3510 | 255 | 59900 | 2.3 | | | | | | |
| | 6.3 | 3070 | 223 | 60300 | 2.6 | | | | | | |
| | 4.4 | 4450 | 323 | 28600 | 0.95 | R | 107 R77 | DV | 100M4 | 220 | 246 |
| | 4.9 | 3920 | 285 | 31400 | 1.10 | R | 107 R77 | DV | 100M4 | 225 | 246 |
| | 5.6 | 3470 | 253 | 33300 | 1.25 | RF | 107 R77 | DV | 100M4 | 225 | 246 |
| | 6.6 | 2940 | 214 | 35100 | 1.45 | | | | | | |
| | 4.4 | 4540 | 325 | 28100 | 0.95 | R | 107 R77 | DV | 100M4 | 215 | 246 |
| | | | | | | RF | 107 R77 | DV | 100M4 | 220 | 246 |
| | 6.8 | 2880 | 209 | 21800 | 1.05 | R | 97 R57 | DV | 100M4 | 145 | 246 |
| | | | | | | RF | 97 R57 | DV | 100M4 | 165 | 246 |
| | 3.1 | 6680 | 222.60* | 55900 | 1.20 | | | | | | |
| | 3.7 | 5660 | 188.45 | 57500 | 1.40 | R | 137 | DV | 132S8 | 295 | 240 |
| | 4.0 | 5230 | 174.40* | 58100 | 1.55 | RF | 137 | DV | 132S8 | 320 | 241 |
| | 4.5 | 4690 | 156.31 | 58800 | 1.70 | | | | | | |
| | 5.0 | 4240 | 141.12* | 59300 | 1.90 | | | | | | |
| | 5.5 | 3850 | 128.18 | 59600 | 2.1 | R | 137 | DV | 132S8 | 295 | 240 |
| | 6.2 | 3410 | 113.72 | 60000 | 2.3 | RF | 137 | DV | 132S8 | 320 | 241 |
| | 6.8 | 3100 | 103.20* | 60300 | 2.6 | | | | | | |
| | 4.6 | 4540 | 203.16 | 28100 | 0.95 | | | | | | |
| | 5.5 | 3850 | 172.34 | 31700 | 1.10 | R | 107 | DV | 112M6 | 190 | 238 |
| | 5.9 | 3550 | 158.68 | 33000 | 1.20 | RF | 107 | DV | 112M6 | 195 | 239 |
| | 6.6 | 3170 | 141.83 | 34400 | 1.35 | | | | | | |
| | 5.6 | 3740 | 251.15 | 32200 | 1.15 | R | 107 | DV | 100M4 | 180 | 238 |
| | 6.1 | 3430 | 229.95 | 33500 | 1.25 | RF | 107 | DV | 100M4 | 185 | 239 |
| | 6.9 | 3030 | 203.16 | 34900 | 1.40 | | | | | | |
| | 8.2 | 2570 | 172.34 | 36100 | 1.65 | | | | | | |
| | 8.9 | 2360 | 158.68 | 36300 | 1.80 | | | | | | |
| | 9.9 | 2110 | 141.83 | 36600 | 2.0 | R | 107 | DV | 100M4 | 180 | 238 |
| | 11 | 1900 | 127.68 | 36900 | 2.3 | RF | 107 | DV | 100M4 | 185 | 239 |
| | 12 | 1720 | 115.63 | 37000 | 2.5 | | | | | | |
| | 14 | 1530 | 102.53 | 37200 | 2.8 | | | | | | |
| | 15 | 1380 | 92.70 | 37300 | 3.1 | | | | | | |
| | 6.5 | 3220 | 216.28 | 7030 | 0.95 | R | 97 | DV | 100M4 | 125 | 236 |
| | 7.6 | 2780 | 186.30 | 22500 | 1.10 | RF | 97 | DV | 100M4 | 140 | 237 |
| | 8.3 | 2530 | 170.02 | 23900 | 1.20 | | | | | | |
| | 9.3 | 2250 | 150.78 | 25300 | 1.35 | | | | | | |
| | 11 | 1890 | 126.75 | 26800 | 1.60 | | | | | | |
| | 12 | 1740 | 116.48 | 27300 | 1.75 | | | | | | |
| | 14 | 1540 | 103.44 | 27600 | 1.95 | | | | | | |
| | 15 | 1380 | 92.48 | 27800 | 2.2 | R | 97 | DV | 100M4 | 125 | 236 |
| | 17 | 1240 | 83.15 | 28000 | 2.4 | RF | 97 | DV | 100M4 | 140 | 237 |
| | 20 | 1080 | 72.17 | 28200 | 2.8 | | | | | | |
| | 22 | 970 | 65.21 | 27700 | 3.1 | | | | | | |
| | 24 | 890 | 59.92 | 27000 | 3.4 | | | | | | |
| | 27 | 795 | 53.21 | 26100 | 3.8 | | | | | | |
| | 30 | 710 | 47.58 | 25300 | 4.2 | | | | | | |
| | 11 | 1860 | 124.97 | 10100 | 0.85 | | | | | | |
| | 12 | 1760 | 118.43* | 15200 | 0.90 | R | 87 | DV | 100M4 | 82 | 234 |
| | 14 | 1540 | 103.65 | 17000 | 1.00 | RF | 87 | DV | 100M4 | 89 | 235 |
| | 15 | 1390 | 93.38 | 17900 | 1.10 | | | | | | |
| | 17 | 1220 | 81.92 | 18900 | 1.25 | | | | | | |
| | 19 | 1080 | 72.57 | 19500 | 1.45 | | | | | | |
| | 22 | 950 | 63.68* | 20000 | 1.65 | | | | | | |
| | 23 | 900 | 60.35* | 20000 | 1.70 | | | | | | |
| | 27 | 785 | 52.82 | 20000 | 1.95 | R | 87 | DV | 100M4 | 82 | 234 |
| | 30 | 710 | 47.58 | 20000 | 2.2 | RF | 87 | DV | 100M4 | 89 | 235 |
| | 34 | 620 | 41.74 | 19900 | 2.5 | | | | | | |
| | 38 | 550 | 36.84* | 19200 | 2.8 | | | | | | |
| | 43 | 485 | 32.66* | 18500 | 3.2 | | | | | | |





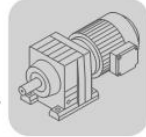
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|--------|----------------------|-----------|----|----|-------|-------|-------------|-----|
| 2.2 | 41 | 515 | 34.40* | 18800 | 2.9 | | | | | | |
| | 45 | 470 | 31.40 | 18300 | 3.3 | | | | | | |
| | 51 | 415 | 27.84* | 17700 | 3.7 | R | 87 | DV | 100M4 | 81 | 234 |
| | 60 | 350 | 23.40 | 16800 | 4.5 | RF | 87 | DV | 100M4 | 88 | 235 |
| | 66 | 320 | 21.51 | 16400 | 4.7 | | | | | | |
| | 21 | 980 | 65.77 | 5470 | 0.85 | | | | | | |
| | 24 | 860 | 57.68 | 9540 | 0.95 | R | 77 | DV | 100M4 | 55 | 232 |
| | 27 | 775 | 52.07 | 10300 | 1.05 | RF | 77 | DV | 100M4 | 61 | 233 |
| | 31 | 685 | 45.81 | 11000 | 1.20 | | | | | | |
| | 33 | 645 | 43.26 | 11300 | 1.25 | | | | | | |
| | 38 | 550 | 36.83 | 11800 | 1.50 | R | 77 | DV | 100M4 | 55 | 232 |
| | 42 | 500 | 33.47 | 12100 | 1.65 | RF | 77 | DV | 100M4 | 61 | 233 |
| | 49 | 430 | 29.00 | 12100 | 1.90 | | | | | | |
| | 56 | 375 | 25.23 | 11700 | 2.1 | | | | | | |
| | 60 | 350 | 23.37 | 11400 | 2.4 | | | | | | |
| | 66 | 320 | 21.43 | 11200 | 2.6 | | | | | | |
| | 75 | 280 | 18.80 | 10800 | 2.8 | R | 77 | DV | 100M4 | 54 | 232 |
| | 79 | 265 | 17.82* | 10600 | 2.9 | RF | 77 | DV | 100M4 | 60 | 233 |
| | 90 | 230 | 15.60 | 10200 | 3.2 | | | | | | |
| | 100 | 210 | 14.05 | 9910 | 3.4 | | | | | | |
| 35 | 595 | 39.88* | 7630 | 1.00 | | | | | | | |
| 38 | 560 | 37.50 | 8020 | 1.00 | R | 67 | DV | 100M4 | 49 | 230 | |
| 44 | 480 | 32.27 | 8750 | 1.10 | RF | 67 | DV | 100M4 | 52 | 231 | |
| 49 | 430 | 28.83 | 9140 | 1.20 | | | | | | | |
| 60 | 350 | 23.44 | 9140 | 1.60 | | | | | | | |
| 71 | 295 | 19.89 | 8760 | 2.0 | | | | | | | |
| 79 | 270 | 17.95 | 8530 | 2.2 | | | | | | | |
| 89 | 235 | 15.79 | 8240 | 2.4 | | | | | | | |
| 95 | 220 | 14.91 | 8110 | 2.5 | R | 67 | DV | 100M4 | 48 | 230 | |
| 111 | 189 | 12.70 | 7760 | 2.8 | RF | 67 | DV | 100M4 | 51 | 231 | |
| 122 | 172 | 11.54 | 7560 | 2.9 | | | | | | | |
| 141 | 149 | 10.00 | 7250 | 3.2 | | | | | | | |
| 162 | 130 | 8.70* | 6960 | 3.4 | | | | | | | |
| 181 | 116 | 7.79 | 6760 | 3.3 | | | | | | | |
| 38 | 555 | 37.30* | 4490 | 0.80 | | | | | | | |
| 40 | 525 | 35.07 | 5110 | 0.85 | R | 57 | DV | 100M4 | 43 | 228 | |
| 47 | 450 | 30.18 | 5030 | 1.00 | RF | 57 | DV | 100M4 | 46 | 229 | |
| 52 | 400 | 26.97 | 4960 | 1.10 | | | | | | | |
| 64 | 325 | 21.93 | 4800 | 1.40 | | | | | | | |
| 76 | 275 | 18.60* | 4660 | 1.60 | | | | | | | |
| 84 | 250 | 16.79 | 4570 | 1.80 | | | | | | | |
| 95 | 220 | 14.77* | 4450 | 2.0 | | | | | | | |
| 101 | 210 | 13.95* | 4390 | 2.1 | R | 57 | DV | 100M4 | 42 | 228 | |
| 119 | 177 | 11.88 | 4230 | 2.3 | RF | 57 | DV | 100M4 | 45 | 229 | |
| 131 | 161 | 10.79 | 4140 | 2.4 | | | | | | | |
| 151 | 139 | 9.35 | 4000 | 2.7 | | | | | | | |
| 156 | 135 | 9.06 | 3980 | 2.8 | | | | | | | |
| 177 | 119 | 7.97 | 3850 | 3.0 | | | | | | | |
| 107 | 197 | 26.31 | 4340 | 2.3 | | | | | | | |
| 112 | 187 | 24.99* | 4290 | 2.4 | | | | | | | |
| 128 | 164 | 21.93 | 4160 | 2.8 | | | | | | | |
| 151 | 139 | 18.60* | 3990 | 3.2 | R | 57 | DT | 90L2 | 35 | 228 | |
| 167 | 126 | 16.79 | 3890 | 3.6 | RF | 57 | DT | 90L2 | 38 | 229 | |
| 190 | 111 | 14.77* | 3760 | 3.9 | | | | | | | |
| 201 | 104 | 13.95* | 3710 | 4.1 | | | | | | | |

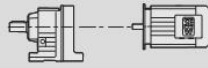



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 2.2 | 73 | 285 | 19.27 | 3550 | 1.05 | | | | | | |
| | 87 | 240 | 16.22 | 3460 | 1.15 | | | | | | |
| | 97 | 215 | 14.56 | 3400 | 1.20 | | | | | | |
| | 112 | 187 | 12.54 | 3310 | 1.35 | | | | | | |
| | 120 | 176 | 11.79 | 3270 | 1.40 | | | | | | |
| | 139 | 151 | 10.15 | 3160 | 1.50 | | | | | | |
| | 155 | 135 | 9.07 | 3090 | 1.65 | | | | | | |
| | 176 | 119 | 8.01 | 3000 | 1.70 | R | 47 | DV | 100M4 | 37 | 226 |
| | 182 | 116 | 7.76* | 2910 | 1.40 | RF | 47 | DV | 100M4 | 37 | 227 |
| | 203 | 104 | 6.96 | 2840 | 1.55 | | | | | | |
| | 235 | 89 | 6.00 | 2740 | 1.75 | | | | | | |
| | 250 | 84 | 5.64* | 2700 | 1.85 | | | | | | |
| | 291 | 72 | 4.85 | 2600 | 2.1 | | | | | | |
| | 325 | 65 | 4.34 | 2530 | 2.3 | | | | | | |
| | 368 | 57 | 3.83 | 2440 | 2.5 | | | | | | |
| | 121 | 174 | 23.28 | 3260 | 1.70 | | | | | | |
| | 129 | 163 | 21.81 | 3220 | 1.85 | | | | | | |
| | 146 | 144 | 19.27 | 3130 | 2.1 | | | | | | |
| | 157 | 134 | 17.89 | 3080 | 2.2 | | | | | | |
| | 173 | 121 | 16.22 | 3010 | 2.3 | | | | | | |
| | 193 | 109 | 14.56 | 2930 | 2.4 | R | 47 | DT | 90L2 | 30 | 226 |
| | 224 | 94 | 12.54 | 2830 | 2.7 | RF | 47 | DT | 90L2 | 30 | 227 |
| | 238 | 88 | 11.79 | 2780 | 2.8 | | | | | | |
| | 277 | 76 | 10.15 | 2680 | 3.0 | | | | | | |
| | 310 | 68 | 9.07 | 2600 | 3.2 | | | | | | |
| | 351 | 60 | 8.01 | 2510 | 3.4 | | | | | | |
| | 90 | 230 | 15.60 | 1070 | 0.85 | | | | | | |
| | 106 | 198 | 13.25 | 1660 | 0.95 | R | 37 | DV | 100M4 | 31 | 224 |
| | 119 | 176 | 11.83 | 1990 | 1.05 | RF | 37 | DV | 100M4 | 33 | 225 |
| | 140 | 151 | 10.11 | 2360 | 1.15 | | | | | | |
| | 149 | 141 | 9.47 | 2480 | 1.20 | | | | | | |
| | 177 | 119 | 7.97 | 2750 | 1.30 | | | | | | |
| | 211 | 99 | 6.67 | 2470 | 1.45 | | | | | | |
| | 249 | 84 | 5.67 | 2570 | 1.70 | R | 37 | DV | 100M4 | 31 | 224 |
| 279 | 75 | 5.06 | 2500 | 1.80 | RF | 37 | DV | 100M4 | 33 | 225 | |
| 326 | 64 | 4.32 | 2410 | 1.95 | | | | | | | |
| 348 | 60 | 4.05 | 2370 | 2.0 | | | | | | | |
| 414 | 51 | 3.41 | 2270 | 2.2 | | | | | | | |
| 146 | 144 | 19.31 | 2440 | 1.40 | R | 37 | DT | 90L2 | 25 | 224 | |
| 156 | 135 | 18.05 | 2560 | 1.50 | RF | 37 | DT | 90L2 | 27 | 225 | |
| 180 | 117 | 15.60 | 2780 | 1.70 | | | | | | | |
| 212 | 99 | 13.25 | 2700 | 1.90 | | | | | | | |
| 237 | 89 | 11.83 | 2630 | 2.1 | | | | | | | |
| 278 | 76 | 10.11 | 2540 | 2.3 | | | | | | | |
| 297 | 71 | 9.47 | 2500 | 2.4 | | | | | | | |
| 352 | 60 | 7.97 | 2390 | 2.6 | | | | | | | |
| 421 | 50 | 6.67 | 2260 | 2.9 | R | 37 | DT | 90L2 | 25 | 224 | |
| 496 | 42 | 5.67 | 2170 | 3.4 | RF | 37 | DT | 90L2 | 27 | 225 | |
| 555 | 38 | 5.06 | 2100 | 3.6 | | | | | | | |
| 650 | 32 | 4.32 | 2010 | 3.9 | | | | | | | |
| 694 | 30 | 4.05 | 1980 | 4.0 | | | | | | | |
| 824 | 26 | 3.41 | 1880 | 4.4 | | | | | | | |
| 139 | 151 | 10.13 | 1120 | 0.80 | | | | | | | |
| 214 | 98 | 6.59 | 1130 | 1.10 | | | | | | | |
| 252 | 83 | 5.60* | 1390 | 1.20 | R | 27 | DV | 100M4 | 26 | 222 | |
| 282 | 75 | 5.00* | 1540 | 1.30 | RF | 27 | DV | 100M4 | 26 | 223 | |
| 330 | 64 | 4.27 | 1540 | 1.35 | | | | | | | |
| 353 | 60 | 4.00* | 1520 | 1.45 | | | | | | | |
| 418 | 50 | 3.37 | 1470 | 1.55 | | | | | | | |
| 212 | 99 | 13.28* | 1710 | 1.30 | | | | | | | |
| 237 | 89 | 11.86 | 1680 | 1.45 | | | | | | | |
| 277 | 76 | 10.13 | 1640 | 1.60 | | | | | | | |
| 344 | 61 | 8.16 | 1520 | 1.90 | | | | | | | |
| 369 | 57 | 7.63* | 1500 | 1.95 | | | | | | | |
| 426 | 49 | 6.59 | 1460 | 2.2 | R | 27 | DT | 90L2 | 20 | 222 | |
| 502 | 42 | 5.60* | 1410 | 2.4 | RF | 27 | DT | 90L2 | 19 | 223 | |
| 562 | 37 | 5.00* | 1380 | 2.5 | | | | | | | |
| 658 | 32 | 4.27 | 1330 | 2.7 | | | | | | | |
| 703 | 30 | 4.00* | 1310 | 2.8 | | | | | | | |
| 834 | 25 | 3.37 | 1250 | 3.1 | | | | | | | |

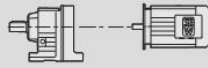



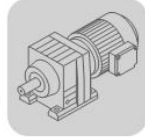
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|-------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 2.2 | 298 | 70 | 4.73 | 5180 | 1.75 | | | | | | |
| | 349 | 60 | 4.04* | 4950 | 2.4 | | | | | | |
| | 381 | 55 | 3.70 | 4820 | 2.8 | | | | | | |
| | 434 | 48 | 3.25* | 4640 | 3.8 | | | | | | |
| | 458 | 46 | 3.08* | 4560 | 4.2 | | | | | | |
| | 523 | 40 | 2.70 | 4380 | 5.4 | RX | 77 | DV | 100M4 | 45 | 210 |
| | 581 | 36 | 2.43 | 4250 | 5.9 | RXF | 77 | DV | 100M4 | 48 | 211 |
| | 662 | 32 | 2.13 | 4080 | 6.3 | | | | | | |
| | 750 | 28 | 1.88* | 3920 | 6.7 | | | | | | |
| | 846 | 25 | 1.67 | 3780 | 7.0 | | | | | | |
| | 991 | 21 | 1.42 | 3590 | 7.3 | | | | | | |
| | 374 | 56 | 3.77 | 3280 | 1.55 | | | | | | |
| | 441 | 48 | 3.20* | 3130 | 2.1 | | | | | | |
| | 488 | 43 | 2.89 | 3050 | 2.5 | | | | | | |
| | 555 | 38 | 2.54 | 2940 | 3.1 | | | | | | |
| | 588 | 36 | 2.40* | 2890 | 3.4 | RX | 67 | DV | 100M4 | 36 | 208 |
| | 690 | 30 | 2.04 | 2760 | 4.4 | RXF | 67 | DV | 100M4 | 40 | 209 |
| | 759 | 28 | 1.86 | 2680 | 4.6 | | | | | | |
| | 876 | 24 | 1.61 | 2570 | 4.8 | | | | | | |
| | 1005 | 21 | 1.40* | 2460 | 5.0 | | | | | | |
| 450 | 47 | 3.14 | 2450 | 1.40 | | | | | | | |
| 534 | 39 | 2.64* | 2340 | 1.75 | | | | | | | |
| 595 | 35 | 2.37 | 2280 | 1.95 | | | | | | | |
| 691 | 30 | 2.04 | 2190 | 2.3 | RX | 57 | DV | 100M4 | 33 | 206 | |
| 734 | 29 | 1.92* | 2150 | 2.4 | RXF | 57 | DV | 100M4 | 35 | 207 | |
| 853 | 25 | 1.65 | 2060 | 2.8 | | | | | | | |
| 955 | 22 | 1.48 | 1990 | 3.1 | | | | | | | |
| 1080 | 19 | 1.30 | 1930 | 3.3 | | | | | | | |
| 3.0 | 1.2 | 21200 | 1123 | 120000 | 0.85 | | | | | | |
| | 1.4 | 18900 | 999 | 120000 | 0.95 | | | | | | |
| | 1.6 | 16300 | 861 | 120000 | 1.10 | R | 167 R97 | DV | 100L4 | 770 | 246 |
| | 1.8 | 14400 | 760 | 120000 | 1.25 | RF | 167 R97 | DV | 100L4 | 780 | 246 |
| | 2.1 | 12200 | 656 | 120000 | 1.50 | | | | | | |
| | 2.8 | 9330 | 503 | 120000 | 1.95 | | | | | | |
| | 2.6 | 9990 | 533 | 67800 | 1.30 | | | | | | |
| | 3.0 | 8610 | 462 | 69600 | 1.50 | | | | | | |
| | 3.3 | 8060 | 426 | 70200 | 1.60 | R | 147 R87 | DV | 100L4 | 465 | 246 |
| | 3.8 | 6960 | 368 | 71400 | 1.85 | RF | 147 R87 | DV | 100L4 | 470 | 246 |
| | 4.3 | 6150 | 326 | 72100 | 2.1 | | | | | | |
| | 5.0 | 5230 | 280 | 72800 | 2.5 | | | | | | |
| | 1.6 | 16900 | 889 | 21900 | 0.75 | | | | | | |
| | 1.8 | 14900 | 784 | 52000 | 0.85 | R | 147 R77 | DV | 100L4 | 440 | 246 |
| | 2.0 | 13200 | 695 | 62300 | 1.00 | RF | 147 R77 | DV | 100L4 | 450 | 246 |
| | 2.3 | 11800 | 619 | 64900 | 1.10 | | | | | | |
| | 2.5 | 10600 | 558 | 66900 | 1.20 | | | | | | |
| | 2.9 | 9280 | 490 | 48100 | 0.85 | | | | | | |
| | 3.3 | 8100 | 428 | 53200 | 1.00 | | | | | | |
| | 3.7 | 7260 | 381 | 54900 | 1.10 | | | | | | |
| | 4.3 | 6160 | 323 | 56800 | 1.30 | R | 137 R77 | DV | 100L4 | 310 | 246 |
| | 4.8 | 5540 | 291 | 57700 | 1.45 | RF | 137 R77 | DV | 100L4 | 335 | 246 |
| | 5.5 | 4840 | 255 | 58600 | 1.65 | | | | | | |
| | 6.3 | 4240 | 223 | 59300 | 1.90 | | | | | | |
| | 2.7 | 9990 | 517 | 34100 | 0.80 | R | 137 R77 | DV | 100L4 | 300 | 246 |
| | 3.1 | 8760 | 453 | 50700 | 0.90 | RF | 137 R77 | DV | 100L4 | 325 | 246 |
| | 5.5 | 4790 | 253 | 23500 | 0.90 | | | | | | |
| | 6.5 | 4060 | 214 | 30700 | 1.05 | R | 107 R77 | DV | 100L4 | 225 | 246 |
| 7.5 | 3550 | 187 | 33000 | 1.20 | RF | 107 R77 | DV | 100L4 | 230 | 246 | |
| 5.5 | 4930 | 256 | 17400 | 0.85 | R | 107 R77 | DV | 100L4 | 215 | 246 | |
| | | | | | RF | 107 R77 | DV | 100L4 | 225 | 246 | |

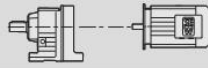



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-----|-----|
| 3.0 | 3.2 | 8860 | 222.60* | 50300 | 0.90 | | | | | |
| | 3.8 | 7500 | 188.45 | 54400 | 1.05 | | | | | |
| | 4.1 | 6940 | 174.40* | 55500 | 1.15 | R | 137 | DV 132M8 | 305 | 240 |
| | 4.6 | 6220 | 156.31 | 56700 | 1.30 | RF | 137 | DV 132M8 | 325 | 241 |
| | 5.1 | 5620 | 141.12* | 57600 | 1.40 | | | | | |
| | 5.6 | 5100 | 128.18 | 58300 | 1.55 | | | | | |
| | 6.3 | 4520 | 113.72 | 59000 | 1.75 | R | 137 | DV 132M8 | 305 | 240 |
| | 7.0 | 4110 | 103.20* | 59400 | 1.95 | RF | 137 | DV 132M8 | 325 | 241 |
| | 8.1 | 3530 | 88.70* | 59900 | 2.3 | | | | | |
| | 4.2 | 6780 | 222.60* | 55800 | 1.20 | | | | | |
| | 5.0 | 5740 | 188.45 | 57400 | 1.40 | R | 137 | DV 132S6 | 295 | 240 |
| | 5.4 | 5320 | 174.40* | 58000 | 1.50 | RF | 137 | DV 132S6 | 320 | 241 |
| | 6.0 | 4760 | 156.31 | 58700 | 1.70 | | | | | |
| | 6.7 | 4300 | 141.12* | 59200 | 1.85 | | | | | |
| | 7.3 | 3910 | 128.18 | 59600 | 2.1 | R | 137 | DV 132S6 | 295 | 240 |
| | 8.3 | 3470 | 113.72 | 60000 | 2.3 | RF | 137 | DV 132S6 | 320 | 241 |
| | 9.1 | 3150 | 103.20* | 60200 | 2.5 | | | | | |
| | 5.9 | 4840 | 158.68 | 21600 | 0.90 | R | 107 | DV 132S6 | 195 | 238 |
| | 6.6 | 4320 | 141.83 | 29300 | 1.00 | RF | 107 | DV 132S6 | 205 | 239 |
| | 7.4 | 3890 | 127.68 | 31500 | 1.10 | | | | | |
| | 6.1 | 4710 | 229.95 | 26500 | 0.90 | | | | | |
| | 6.9 | 4160 | 203.16 | 30200 | 1.05 | | | | | |
| | 8.1 | 3530 | 172.34 | 33100 | 1.20 | | | | | |
| | 8.8 | 3250 | 158.68 | 34100 | 1.30 | | | | | |
| | 9.9 | 2900 | 141.83 | 35300 | 1.50 | R | 107 | DV 100L4 | 185 | 238 |
| | 11 | 2610 | 127.68 | 36000 | 1.65 | RF | 107 | DV 100L4 | 190 | 239 |
| | 12 | 2370 | 115.63 | 36300 | 1.80 | | | | | |
| | 14 | 2100 | 102.53 | 36700 | 2.1 | | | | | |
| | 15 | 1900 | 92.70 | 36900 | 2.3 | | | | | |
| | 18 | 1610 | 78.57 | 35900 | 2.7 | | | | | |
| | 19 | 1490 | 72.88 | 35200 | 2.9 | | | | | |
| | 9.3 | 3090 | 150.78 | 16200 | 0.95 | | | | | |
| | 11 | 2590 | 126.75 | 23600 | 1.15 | | | | | |
| | 12 | 2380 | 116.48 | 24700 | 1.25 | | | | | |
| | 14 | 2120 | 103.44 | 25900 | 1.40 | | | | | |
| | 15 | 1890 | 92.48 | 26800 | 1.60 | | | | | |
| | 17 | 1700 | 83.15 | 27300 | 1.75 | | | | | |
| | 19 | 1480 | 72.17 | 27700 | 2.0 | R | 97 | DV 100L4 | 125 | 236 |
| | 21 | 1330 | 65.21 | 27000 | 2.3 | RF | 97 | DV 100L4 | 145 | 237 |
| | 23 | 1230 | 59.92 | 26400 | 2.5 | | | | | |
| | 26 | 1090 | 53.21 | 25600 | 2.8 | | | | | |
| | 29 | 970 | 47.58 | 24800 | 3.1 | | | | | |
| | 33 | 880 | 42.78 | 24000 | 3.4 | | | | | |
| | 38 | 760 | 37.13 | 23100 | 4.0 | | | | | |
| | 42 | 680 | 33.25 | 22400 | 4.3 | | | | | |
| | 15 | 1910 | 93.38 | 3630 | 0.80 | | | | | |
| | 17 | 1680 | 81.92 | 16000 | 0.90 | R | 87 | DV 100L4 | 86 | 234 |
| | 19 | 1490 | 72.57 | 17400 | 1.05 | RF | 87 | DV 100L4 | 93 | 235 |
| | 22 | 1300 | 63.68* | 18400 | 1.20 | | | | | |
| | 23 | 1230 | 60.35* | 18800 | 1.25 | | | | | |
| | 27 | 1080 | 52.82 | 19500 | 1.45 | | | | | |
| | 29 | 970 | 47.58 | 19900 | 1.60 | R | 87 | DV 100L4 | 86 | 234 |
| | 34 | 850 | 41.74 | 19400 | 1.80 | RF | 87 | DV 100L4 | 93 | 235 |
| | 38 | 755 | 36.84* | 18700 | 2.1 | | | | | |
| | 43 | 670 | 32.66* | 18100 | 2.3 | | | | | |
| | 50 | 570 | 27.88 | 17400 | 2.6 | | | | | |
| | 41 | 705 | 34.40* | 18400 | 2.1 | | | | | |
| | 45 | 640 | 31.40 | 17900 | 2.4 | | | | | |
| | 50 | 570 | 27.84* | 17400 | 2.7 | | | | | |
| | 60 | 480 | 23.40 | 16500 | 3.2 | R | 87 | DV 100L4 | 85 | 234 |
| | 65 | 440 | 21.51 | 16100 | 3.4 | RF | 87 | DV 100L4 | 92 | 235 |
| | 73 | 390 | 19.10 | 15600 | 3.7 | | | | | |
| | 82 | 350 | 17.08* | 15100 | 4.0 | | | | | |
| | 91 | 315 | 15.35 | 14600 | 4.3 | | | | | |

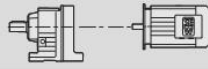



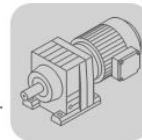
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 3.0 | 31 | 940 | 45.81 | 8670 | 0.85 | | | | | |
| | 32 | 890 | 43.26 | 9270 | 0.95 | R | 77 | DV 100L4 | 59 | 232 |
| | 38 | 755 | 36.83 | 10500 | 1.10 | RF | 77 | DV 100L4 | 65 | 233 |
| | 42 | 685 | 33.47 | 11000 | 1.20 | | | | | |
| | 48 | 595 | 29.00 | 11600 | 1.40 | R | 77 | DV 100L4 | 59 | 232 |
| | 55 | 515 | 25.23 | 11300 | 1.50 | RF | 77 | DV 100L4 | 65 | 233 |
| | 60 | 480 | 23.37 | 11100 | 1.70 | | | | | |
| | 65 | 440 | 21.43 | 10800 | 1.85 | | | | | |
| | 74 | 385 | 18.80 | 10500 | 2.0 | | | | | |
| | 79 | 365 | 17.82* | 10300 | 2.1 | | | | | |
| | 90 | 320 | 15.60 | 9980 | 2.3 | | | | | |
| | 100 | 290 | 14.05 | 9700 | 2.5 | R | 77 | DV 100L4 | 58 | 232 |
| | 114 | 250 | 12.33 | 9350 | 2.7 | RF | 77 | DV 100L4 | 64 | 233 |
| | 129 | 225 | 10.88 | 9030 | 3.0 | | | | | |
| | 145 | 197 | 9.64 | 8720 | 3.2 | | | | | |
| | 163 | 176 | 8.59 | 8500 | 3.6 | | | | | |
| | 181 | 158 | 7.74 | 8240 | 3.9 | | | | | |
| | 206 | 139 | 6.79 | 7920 | 4.2 | | | | | |
| | 60 | 480 | 23.44 | 8730 | 1.15 | | | | | |
| | 70 | 405 | 19.89 | 8420 | 1.45 | | | | | |
| | 78 | 365 | 17.95 | 8230 | 1.60 | | | | | |
| | 89 | 325 | 15.79 | 7980 | 1.75 | R | 67 | DV 100L4 | 52 | 230 |
| | 94 | 305 | 14.91 | 7860 | 1.80 | RF | 67 | DV 100L4 | 55 | 231 |
| | 110 | 260 | 12.70 | 7550 | 2.0 | | | | | |
| | 121 | 235 | 11.54 | 7360 | 2.1 | | | | | |
| | 140 | 205 | 10.00 | 7090 | 2.3 | | | | | |
| | 52 | 550 | 26.97 | 4330 | 0.80 | R | 57 | DV 100L4 | 47 | 228 |
| | | | | | | RF | 57 | DV 100L4 | 50 | 229 |
| | 64 | 450 | 21.93 | 4380 | 1.00 | R | 57 | DV 100L4 | 46 | 228 |
| | 75 | 380 | 18.60* | 4300 | 1.20 | RF | 57 | DV 100L4 | 49 | 229 |
| | 83 | 345 | 16.79 | 4250 | 1.30 | | | | | |
| | 95 | 300 | 14.77* | 4160 | 1.45 | | | | | |
| | 100 | 285 | 13.95* | 4130 | 1.50 | | | | | |
| | 118 | 245 | 11.88 | 4010 | 1.65 | | | | | |
| | 130 | 220 | 10.79 | 3940 | 1.75 | | | | | |
| | 150 | 191 | 9.35 | 3820 | 1.95 | | | | | |
| | 155 | 185 | 9.06 | 3810 | 2.0 | R | 57 | DV 100L4 | 46 | 228 |
| | 176 | 163 | 7.97 | 3700 | 2.2 | RF | 57 | DV 100L4 | 49 | 229 |
| | 186 | 154 | 7.53 | 3650 | 2.3 | | | | | |
| | 218 | 131 | 6.41 | 3520 | 2.6 | | | | | |
| | 240 | 119 | 5.82 | 3430 | 2.7 | | | | | |
| | 277 | 103 | 5.05 | 3310 | 3.0 | | | | | |
| | 319 | 90 | 4.39 | 3190 | 3.1 | | | | | |
| | 128 | 225 | 21.93 | 3950 | 2.0 | | | | | |
| | 151 | 190 | 18.60* | 3820 | 2.4 | | | | | |
| | 167 | 172 | 16.79 | 3730 | 2.6 | R | 57 | DV 100M2 | 42 | 228 |
| | 190 | 151 | 14.77* | 3620 | 2.9 | RF | 57 | DV 100M2 | 45 | 229 |
| | 201 | 143 | 13.95* | 3570 | 3.0 | | | | | |
| | 236 | 122 | 11.88 | 3440 | 3.3 | | | | | |
| | 259 | 110 | 10.79 | 3360 | 3.5 | | | | | |
| 86 | 330 | 16.22 | 2030 | 0.85 | R | 47 | DV 100L4 | 41 | 226 | |
| 96 | 300 | 14.56 | 2500 | 0.90 | RF | 47 | DV 100L4 | 41 | 227 | |
| 112 | 255 | 12.54 | 3040 | 0.95 | | | | | | |
| 119 | 240 | 11.79 | 3040 | 1.00 | | | | | | |
| 138 | 210 | 10.15 | 2970 | 1.10 | | | | | | |
| 154 | 186 | 9.07 | 2910 | 1.20 | | | | | | |
| 175 | 164 | 8.01 | 2840 | 1.25 | | | | | | |
| 181 | 159 | 7.76* | 2740 | 1.05 | R | 47 | DV 100L4 | 41 | 226 | |
| 201 | 143 | 6.96 | 2680 | 1.10 | RF | 47 | DV 100L4 | 41 | 227 | |
| 233 | 123 | 6.00 | 2610 | 1.25 | | | | | | |
| 248 | 115 | 5.64* | 2580 | 1.35 | | | | | | |
| 288 | 99 | 4.85 | 2490 | 1.50 | | | | | | |
| 323 | 89 | 4.34 | 2430 | 1.65 | | | | | | |
| 365 | 78 | 3.83 | 2360 | 1.85 | | | | | | |

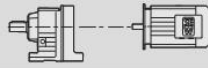



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|-------|----------------------|-----------|--|----|----|-------|-------------|---|
| 3.0 | 237 | 121 | 11.79 | 2670 | 2.0 | | | | | | |
| | 276 | 104 | 10.15 | 2580 | 2.2 | | | | | | |
| | 309 | 93 | 9.07 | 2510 | 2.4 | | | | | | |
| | 349 | 82 | 8.01 | 2430 | 2.5 | | | | | | |
| | 361 | 79 | 7.76* | 2370 | 2.1 | | | | | | |
| | 402 | 71 | 6.96 | 2310 | 2.2 | R | 47 | DV | 100M2 | 37 | 226 |
| | 467 | 61 | 6.00 | 2220 | 2.5 | RF | 47 | DV | 100M2 | 37 | 227 |
| | 496 | 58 | 5.64* | 2190 | 2.7 | | | | | | |
| | 577 | 50 | 4.85 | 2100 | 3.0 | | | | | | |
| | 646 | 44 | 4.34 | 2040 | 3.3 | | | | | | |
| | 731 | 39 | 3.83 | 1970 | 3.7 | | | | | | |
| | 139 | 205 | 10.11 | 780 | 0.80 | R | 37 | DV | 100L4 | 35 | 224 |
| | 148 | 194 | 9.47 | 1010 | 0.85 | RF | 37 | DV | 100L4 | 37 | 225 |
| | 176 | 163 | 7.97 | 1510 | 0.95 | | | | | | |
| | 210 | 137 | 6.67 | 1250 | 1.05 | | | | | | |
| | 247 | 116 | 5.67 | 1630 | 1.25 | | | | | | |
| | 277 | 104 | 5.06 | 1830 | 1.30 | R | 37 | DV | 100L4 | 35 | 224 |
| | 324 | 88 | 4.32 | 2070 | 1.45 | RF | 37 | DV | 100L4 | 37 | 225 |
| | 346 | 83 | 4.05 | 2140 | 1.45 | | | | | | |
| | 411 | 70 | 3.41 | 2180 | 1.60 | | | | | | |
| | 277 | 103 | 10.11 | 2340 | 1.65 | | | | | | |
| | 296 | 97 | 9.47 | 2380 | 1.70 | | | | | | |
| | 351 | 82 | 7.97 | 2290 | 1.90 | | | | | | |
| | 420 | 68 | 6.67 | 2170 | 2.1 | R | 37 | DV | 100M2 | 31 | 224 |
| | 494 | 58 | 5.67 | 2090 | 2.5 | RF | 37 | DV | 100M2 | 33 | 225 |
| | 553 | 52 | 5.06 | 2030 | 2.6 | | | | | | |
| | 648 | 44 | 4.32 | 1950 | 2.9 | | | | | | |
| | 692 | 41 | 4.05 | 1920 | 3.0 | | | | | | |
| | 821 | 35 | 3.41 | 1840 | 3.2 | | | | | | |
| | 250 | 115 | 5.60* | 360 | 0.85 | | | | | | |
| | 280 | 102 | 5.00* | 615 | 0.95 | R | 27 | DV | 100L4 | 30 | 222 |
| | 328 | 87 | 4.27 | 910 | 1.00 | RF | 27 | DV | 100L4 | 30 | 223 |
| | 350 | 82 | 4.00* | 1010 | 1.05 | | | | | | |
| | 415 | 69 | 3.37 | 1230 | 1.15 | | | | | | |
| | 425 | 67 | 6.59 | 1260 | 1.55 | | | | | | |
| | 500 | 57 | 5.60* | 1330 | 1.75 | | | | | | |
| | 560 | 51 | 5.00* | 1300 | 1.85 | R | 27 | DV | 100M2 | 26 | 222 |
| | 656 | 44 | 4.27 | 1260 | 2.0 | RF | 27 | DV | 100M2 | 26 | 223 |
| | 700 | 41 | 4.00* | 1240 | 2.1 | | | | | | |
| | 831 | 35 | 3.37 | 1200 | 2.3 | | | | | | |
| | 217 | 132 | 6.45 | 7130 | 1.45 | | | | | | |
| | 252 | 114 | 5.56* | 6830 | 2.0 | | | | | | |
| | 276 | 104 | 5.07 | 6650 | 2.4 | RX | 87 | DV | 100L4 | 66 | 212 |
| | 311 | 92 | 4.50* | 6430 | 3.2 | RXF | 87 | DV | 100L4 | 71 | 213 |
| | 370 | 77 | 3.78 | 6100 | 3.9 | | | | | | |
| | 296 | 97 | 4.73 | 5050 | 1.25 | | | | | | |
| | 347 | 83 | 4.04* | 4830 | 1.75 | RX | 77 | DV | 100L4 | 49 | 210 |
| | 378 | 76 | 3.70 | 4720 | 2.0 | RXF | 77 | DV | 100L4 | 52 | 211 |
| | 431 | 67 | 3.25* | 4550 | 2.7 | | | | | | |
| | 455 | 63 | 3.08* | 4480 | 3.1 | | | | | | |
| | 371 | 77 | 3.77 | 3150 | 1.15 | | | | | | |
| | 438 | 66 | 3.20* | 3030 | 1.55 | | | | | | |
| | 485 | 59 | 2.89 | 2950 | 1.80 | | | | | | |
| | 551 | 52 | 2.54 | 2850 | 2.3 | | | | | | |
| | 583 | 49 | 2.40* | 2810 | 2.5 | RX | 67 | DV | 100L4 | 40 | 208 |
| | 685 | 42 | 2.04 | 2690 | 3.2 | RXF | 67 | DV | 100L4 | 44 | 209 |
| | 754 | 38 | 1.86 | 2610 | 3.3 | | | | | | |
| | 870 | 33 | 1.61 | 2510 | 3.5 | | | | | | |
| | 1000 | 29 | 1.40* | 2410 | 3.6 | | | | | | |
| | 446 | 64 | 3.14 | 2330 | 1.00 | | | | | | |
| | 530 | 54 | 2.64* | 2240 | 1.30 | | | | | | |
| | 591 | 49 | 2.37 | 2180 | 1.40 | | | | | | |
| | 686 | 42 | 2.04 | 2100 | 1.65 | RX | 57 | DV | 100L4 | 37 | 206 |
| | 729 | 39 | 1.92* | 2070 | 1.75 | RXF | 57 | DV | 100L4 | 39 | 207 |
| | 847 | 34 | 1.65 | 1990 | 2.0 | | | | | | |
| | 948 | 30 | 1.48 | 1930 | 2.3 | | | | | | |
| | 1075 | 27 | 1.30 | 1870 | 2.4 | | | | | | |

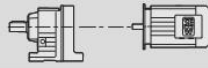



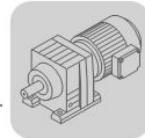
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-----|-----|
| 4.0 | 1.7 | 21500 | 861 | 120000 | 0.85 | | | | | |
| | 1.9 | 19000 | 760 | 120000 | 0.95 | | | | | |
| | 2.2 | 16100 | 656 | 120000 | 1.10 | R | 167 R97 | DV 112M4 | 780 | 246 |
| | 2.8 | 12400 | 503 | 120000 | 1.45 | RF | 167 R97 | DV 112M4 | 780 | 246 |
| | 3.8 | 9260 | 376 | 120000 | 1.95 | | | | | |
| | 4.2 | 8240 | 335 | 120000 | 2.2 | | | | | |
| | 2.7 | 13200 | 533 | 62200 | 1.00 | | | | | |
| | 3.1 | 11400 | 462 | 65600 | 1.15 | | | | | |
| | 3.3 | 10600 | 426 | 66800 | 1.20 | | | | | |
| | 3.9 | 9190 | 368 | 68900 | 1.40 | | | | | |
| | 4.4 | 8130 | 326 | 70200 | 1.60 | | | | | |
| | 5.1 | 6920 | 280 | 71400 | 1.90 | R | 147 R87 | DV 112M4 | 470 | 246 |
| | 5.7 | 6110 | 247 | 72100 | 2.1 | RF | 147 R87 | DV 112M4 | 475 | 246 |
| | 6.7 | 5280 | 214 | 72800 | 2.5 | | | | | |
| | 7.5 | 4670 | 189 | 73200 | 2.8 | | | | | |
| | 9.0 | 3920 | 159 | 73600 | 3.3 | | | | | |
| | 2.3 | 15500 | 619 | 43200 | 0.85 | | | | | |
| | 2.5 | 14000 | 558 | 60500 | 0.95 | R | 147 R77 | DV 112M4 | 445 | 246 |
| | 2.9 | 12300 | 489 | 64100 | 1.05 | RF | 147 R77 | DV 112M4 | 455 | 246 |
| | 3.4 | 10400 | 415 | 67200 | 1.25 | | | | | |
| | 3.7 | 9570 | 381 | 42700 | 0.85 | | | | | |
| | 4.4 | 8120 | 323 | 53100 | 1.00 | | | | | |
| | 4.9 | 7310 | 291 | 54800 | 1.10 | R | 137 R77 | DV 112M4 | 315 | 246 |
| | 5.6 | 6390 | 255 | 56400 | 1.25 | RF | 137 R77 | DV 112M4 | 340 | 246 |
| | 6.4 | 5600 | 223 | 57600 | 1.45 | | | | | |
| | 3.8 | 9560 | 376 | 43000 | 0.85 | R | 137 R77 | DV 112M4 | 305 | 246 |
| | 4.2 | 8600 | 339 | 51400 | 0.95 | RF | 137 R77 | DV 112M4 | 330 | 246 |
| | 4.8 | 7540 | 297 | 54300 | 1.05 | | | | | |
| | 7.6 | 4680 | 187 | 27200 | 0.90 | R | 107 R77 | DV 112M4 | 230 | 246 |
| | | | | | | RF | 107 R77 | DV 112M4 | 235 | 246 |
| | 7.3 | 4890 | 193 | 19000 | 0.90 | R | 107 R77 | DV 112M4 | 225 | 246 |
| | 8.2 | 4380 | 172 | 29000 | 1.00 | RF | 107 R77 | DV 112M4 | 230 | 246 |
| | 4.4 | 8660 | 163.31 | 69500 | 1.50 | | | | | |
| | 4.9 | 7790 | 146.91 | 70500 | 1.65 | R | 147 | DV 132ML8 | 440 | 242 |
| | 6.0 | 6360 | 119.86 | 71900 | 2.0 | RF | 147 | DV 132ML8 | 450 | 243 |
| | 6.6 | 5800 | 109.31 | 72400 | 2.2 | | | | | |
| | 4.1 | 9250 | 174.40* | 48400 | 0.85 | | | | | |
| | 4.6 | 8290 | 156.31 | 52700 | 0.95 | | | | | |
| | 5.1 | 7490 | 141.12* | 54400 | 1.05 | R | 137 | DV 132ML8 | 310 | 240 |
| | 5.6 | 6800 | 128.18 | 55700 | 1.20 | RF | 137 | DV 132ML8 | 335 | 241 |
| | 6.3 | 6030 | 113.72 | 57000 | 1.35 | | | | | |
| | 7.0 | 5470 | 103.20* | 57800 | 1.45 | | | | | |
| 4.3 | 8860 | 222.60* | 50300 | 0.90 | | | | | | |
| 5.1 | 7500 | 188.45 | 54400 | 1.05 | | | | | | |
| 5.5 | 6940 | 174.40* | 55500 | 1.15 | R | 137 | DV 132M6 | 305 | 240 | |
| 6.1 | 6220 | 156.31 | 56700 | 1.30 | RF | 137 | DV 132M6 | 325 | 241 | |
| 6.8 | 5620 | 141.12* | 57600 | 1.40 | | | | | | |
| 7.5 | 5100 | 128.18 | 58300 | 1.55 | | | | | | |
| 8.4 | 4520 | 113.72 | 59000 | 1.75 | R | 137 | DV 132M6 | 305 | 240 | |
| 9.3 | 4110 | 103.20* | 59400 | 1.95 | RF | 137 | DV 132M6 | 325 | 241 | |
| 11 | 3530 | 88.70* | 59900 | 2.3 | | | | | | |
| 8.2 | 4640 | 172.34 | 27500 | 0.95 | | | | | | |
| 9.0 | 4270 | 158.68 | 29600 | 1.00 | | | | | | |
| 10 | 3820 | 141.83 | 31900 | 1.15 | | | | | | |
| 11 | 3430 | 127.68 | 33400 | 1.25 | | | | | | |
| 12 | 3110 | 115.63 | 34600 | 1.40 | | | | | | |
| 14 | 2760 | 102.53 | 35700 | 1.55 | R | 107 | DV 112M4 | 190 | 238 | |
| 15 | 2490 | 92.70 | 36200 | 1.70 | RF | 107 | DV 112M4 | 195 | 239 | |
| 18 | 2110 | 78.57 | 34900 | 2.0 | | | | | | |
| 19 | 1960 | 72.88 | 34200 | 2.2 | | | | | | |
| 22 | 1760 | 65.60* | 33200 | 2.4 | | | | | | |
| 24 | 1600 | 59.41 | 32300 | 2.7 | | | | | | |
| 27 | 1420 | 52.68 | 31300 | 3.0 | | | | | | |

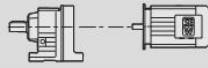



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|--------|----------------------|-----------|--|----|-------|-------|-------------|---|
| 4.0 | 12 | 3130 | 116.48 | 13800 | 0.95 | | | | | | |
| | 14 | 2780 | 103.44 | 22400 | 1.10 | | | | | | |
| | 15 | 2490 | 92.48 | 24100 | 1.20 | | | | | | |
| | 17 | 2240 | 83.15 | 25400 | 1.35 | | | | | | |
| | 20 | 1940 | 72.17 | 26600 | 1.55 | | | | | | |
| | 22 | 1750 | 65.21 | 26000 | 1.70 | R | 97 | DV | 112M4 | 135 | 236 |
| | 24 | 1610 | 59.92 | 25500 | 1.85 | RF | 97 | DV | 112M4 | 150 | 237 |
| | 27 | 1430 | 53.21 | 24700 | 2.1 | | | | | | |
| | 30 | 1280 | 47.58 | 24000 | 2.3 | | | | | | |
| | 33 | 1150 | 42.78 | 23400 | 2.6 | | | | | | |
| | 38 | 1000 | 37.13 | 22500 | 3.0 | | | | | | |
| | 43 | 890 | 33.25 | 21800 | 3.2 | | | | | | |
| | 44 | 860 | 32.05 | 21600 | 3.0 | | | | | | |
| | 52 | 730 | 27.19 | 20600 | 3.5 | | | | | | |
| | 57 | 675 | 25.03 | 20100 | 4.2 | R | 97 | DV | 112M4 | 130 | 236 |
| | 63 | 600 | 22.37 | 19500 | 4.5 | RF | 97 | DV | 112M4 | 150 | 237 |
| | 71 | 540 | 20.14 | 18900 | 4.8 | | | | | | |
| | 22 | 1710 | 63.68* | 13300 | 0.90 | | | | | | |
| | 24 | 1620 | 60.35* | 13900 | 0.95 | R | 87 | DV | 112M4 | 91 | 234 |
| | 27 | 1420 | 52.82 | 15200 | 1.10 | RF | 87 | DV | 112M4 | 98 | 235 |
| | 30 | 1280 | 47.58 | 16000 | 1.20 | | | | | | |
| | 34 | 1120 | 41.74 | 16800 | 1.40 | | | | | | |
| | 39 | 990 | 36.84* | 17400 | 1.55 | R | 87 | DV | 112M4 | 91 | 234 |
| | 43 | 880 | 32.66* | 17500 | 1.75 | RF | 87 | DV | 112M4 | 98 | 235 |
| | 51 | 750 | 27.88 | 16800 | 2.0 | | | | | | |
| | 41 | 930 | 34.40* | 17600 | 1.60 | | | | | | |
| | 45 | 840 | 31.40 | 17400 | 1.85 | | | | | | |
| | 51 | 750 | 27.84* | 16800 | 2.1 | | | | | | |
| | 61 | 630 | 23.40 | 16100 | 2.5 | | | | | | |
| | 66 | 580 | 21.51 | 15700 | 2.6 | R | 87 | DV | 112M4 | 90 | 234 |
| | 74 | 515 | 19.10 | 15200 | 2.8 | RF | 87 | DV | 112M4 | 97 | 235 |
| | 83 | 460 | 17.08* | 14700 | 3.0 | | | | | | |
| | 92 | 415 | 15.35 | 14300 | 3.2 | | | | | | |
| | 107 | 360 | 13.33 | 13700 | 3.6 | | | | | | |
| | 119 | 320 | 11.93 | 13300 | 3.8 | | | | | | |
| | 39 | 990 | 36.83 | 4070 | 0.85 | | | | | | |
| 42 | 900 | 33.47 | 9100 | 0.90 | R | 77 | DV | 112M4 | 65 | 232 | |
| 49 | 780 | 29.00 | 10300 | 1.05 | RF | 77 | DV | 112M4 | 71 | 233 | |
| 56 | 680 | 25.23 | 10800 | 1.15 | | | | | | | |
| 61 | 630 | 23.37 | 10600 | 1.30 | | | | | | | |
| 66 | 575 | 21.43 | 10400 | 1.40 | | | | | | | |
| 76 | 505 | 18.80 | 10100 | 1.55 | | | | | | | |
| 80 | 480 | 17.82* | 9950 | 1.65 | | | | | | | |
| 91 | 420 | 15.60 | 9630 | 1.75 | | | | | | | |
| 101 | 380 | 14.05 | 9380 | 1.90 | | | | | | | |
| 115 | 330 | 12.33 | 9070 | 2.1 | R | 77 | DV | 112M4 | 64 | 232 | |
| 131 | 295 | 10.88 | 8780 | 2.3 | RF | 77 | DV | 112M4 | 70 | 233 | |
| 147 | 260 | 9.64 | 8500 | 2.4 | | | | | | | |
| 165 | 230 | 8.59 | 8320 | 2.7 | | | | | | | |
| 183 | 210 | 7.74 | 8070 | 2.9 | | | | | | | |
| 209 | 183 | 6.79 | 7770 | 3.2 | | | | | | | |
| 237 | 161 | 5.99* | 7490 | 3.4 | | | | | | | |
| 267 | 143 | 5.31* | 7230 | 3.6 | | | | | | | |
| 71 | 535 | 19.89 | 7960 | 1.10 | | | | | | | |
| 79 | 485 | 17.95 | 7800 | 1.20 | | | | | | | |
| 90 | 425 | 15.79 | 7600 | 1.30 | | | | | | | |
| 95 | 400 | 14.91 | 7510 | 1.35 | | | | | | | |
| 112 | 340 | 12.70 | 7240 | 1.50 | | | | | | | |
| 123 | 310 | 11.54 | 7080 | 1.60 | | | | | | | |
| 142 | 270 | 10.00 | 6840 | 1.75 | R | 67 | DV | 112M4 | 59 | 230 | |
| 163 | 235 | 8.70* | 6600 | 1.90 | RF | 67 | DV | 112M4 | 62 | 231 | |
| 182 | 210 | 7.79 | 6440 | 1.80 | | | | | | | |
| 193 | 198 | 7.36* | 6340 | 1.85 | | | | | | | |
| 227 | 169 | 6.27 | 6070 | 1.95 | | | | | | | |
| 249 | 153 | 5.70 | 5920 | 2.0 | | | | | | | |
| 288 | 133 | 4.93 | 5680 | 2.2 | | | | | | | |
| 331 | 116 | 4.29 | 5460 | 2.3 | | | | | | | |

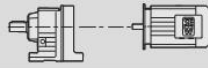



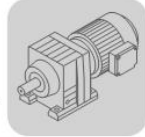
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|----|-----|
| 4.0 | 76 | 500 | 18.60* | 3520 | 0.90 | | | | | |
| | 85 | 450 | 16.79 | 3830 | 1.00 | R | 57 | DV 112M4 | 53 | 228 |
| | 96 | 395 | 14.77* | 3800 | 1.10 | RF | 57 | DV 112M4 | 56 | 229 |
| | 102 | 375 | 13.95* | 3780 | 1.15 | | | | | |
| | 120 | 320 | 11.88 | 3710 | 1.25 | | | | | |
| | 132 | 290 | 10.79 | 3660 | 1.35 | | | | | |
| | 152 | 250 | 9.35 | 3580 | 1.45 | | | | | |
| | 157 | 245 | 9.06 | 3590 | 1.55 | | | | | |
| | 178 | 215 | 7.97 | 3500 | 1.65 | R | 57 | DV 112M4 | 53 | 228 |
| | 189 | 205 | 7.53 | 3470 | 1.75 | RF | 57 | DV 112M4 | 56 | 229 |
| | 222 | 172 | 6.41 | 3350 | 1.95 | | | | | |
| | 244 | 157 | 5.82 | 3280 | 2.0 | | | | | |
| | 281 | 136 | 5.05 | 3180 | 2.3 | | | | | |
| | 323 | 118 | 4.39 | 3070 | 2.4 | | | | | |
| | 140 | 275 | 10.15 | 1960 | 0.85 | | | | | |
| | 157 | 245 | 9.07 | 2350 | 0.90 | | | | | |
| | 177 | 215 | 8.01 | 2640 | 0.95 | | | | | |
| | 204 | 187 | 6.96 | 2480 | 0.85 | | | | | |
| | 237 | 161 | 6.00 | 2430 | 0.95 | R | 47 | DV 112M4 | 48 | 226 |
| | 252 | 152 | 5.64* | 2410 | 1.00 | RF | 47 | DV 112M4 | 48 | 227 |
| | 293 | 131 | 4.85 | 2350 | 1.15 | | | | | |
| | 327 | 117 | 4.34 | 2300 | 1.25 | | | | | |
| | 371 | 103 | 3.83 | 2250 | 1.40 | | | | | |
| | 176 | 215 | 16.22 | 2640 | 1.25 | | | | | |
| | 196 | 195 | 14.56 | 2600 | 1.35 | | | | | |
| | 228 | 168 | 12.54 | 2540 | 1.50 | | | | | |
| | 242 | 158 | 11.79 | 2510 | 1.55 | | | | | |
| | 282 | 136 | 10.15 | 2440 | 1.70 | | | | | |
| | 315 | 121 | 9.07 | 2390 | 1.80 | | | | | |
| | 357 | 107 | 8.01 | 2320 | 1.90 | R | 47 | DV 112M2 | 48 | 226 |
| | 369 | 104 | 7.76* | 2250 | 1.55 | RF | 47 | DV 112M2 | 48 | 227 |
| | 411 | 93 | 6.96 | 2200 | 1.70 | | | | | |
| | 477 | 80 | 6.00 | 2130 | 1.95 | | | | | |
| | 507 | 75 | 5.64* | 2100 | 2.1 | | | | | |
| | 589 | 65 | 4.85 | 2020 | 2.3 | | | | | |
| | 660 | 58 | 4.34 | 1970 | 2.5 | | | | | |
| | 746 | 51 | 3.83 | 1910 | 2.8 | | | | | |
| | 255 | 150 | 5.56* | 6630 | 1.50 | | | | | |
| | 280 | 137 | 5.07 | 6470 | 1.85 | RX | 87 | DV 112M4 | 71 | 212 |
| | 316 | 121 | 4.50* | 6260 | 2.4 | RXF | 87 | DV 112M4 | 76 | 213 |
| | 375 | 102 | 3.78 | 5960 | 3.0 | | | | | |
| | 351 | 109 | 4.04* | 4670 | 1.30 | | | | | |
| | 383 | 100 | 3.70 | 4560 | 1.55 | | | | | |
| | 437 | 87 | 3.25* | 4410 | 2.1 | | | | | |
| | 461 | 83 | 3.08* | 4350 | 2.3 | | | | | |
| | 527 | 73 | 2.70 | 4190 | 3.0 | RX | 77 | DV 112M4 | 55 | 210 |
| | 585 | 65 | 2.43 | 4070 | 3.3 | RXF | 77 | DV 112M4 | 58 | 211 |
| | 667 | 57 | 2.13 | 3920 | 3.5 | | | | | |
| | 755 | 51 | 1.88* | 3780 | 3.7 | | | | | |
| | 852 | 45 | 1.67 | 3650 | 3.9 | | | | | |
| | 998 | 38 | 1.42 | 3480 | 4.1 | | | | | |
| | 444 | 86 | 3.20* | 2870 | 1.15 | | | | | |
| | 492 | 78 | 2.89 | 2810 | 1.35 | | | | | |
| | 559 | 68 | 2.54 | 2730 | 1.75 | | | | | |
| | 592 | 65 | 2.40* | 2690 | 1.90 | RX | 67 | DV 112M4 | 47 | 208 |
| | 695 | 55 | 2.04 | 2580 | 2.4 | RXF | 67 | DV 112M4 | 51 | 209 |
| | 765 | 50 | 1.86 | 2520 | 2.5 | | | | | |
| | 883 | 43 | 1.61 | 2420 | 2.6 | | | | | |
| | 1015 | 38 | 1.40* | 2330 | 2.8 | | | | | |
| | 538 | 71 | 2.64* | 1670 | 0.95 | | | | | |
| | 599 | 64 | 2.37 | 1780 | 1.10 | | | | | |
| | 696 | 55 | 2.04 | 1910 | 1.25 | | | | | |
| | 740 | 52 | 1.92* | 1940 | 1.35 | RX | 57 | DV 112M4 | 44 | 206 |
| | 859 | 44 | 1.65 | 1900 | 1.55 | RXF | 57 | DV 112M4 | 46 | 207 |
| | 962 | 40 | 1.48 | 1840 | 1.70 | | | | | |
| | 1090 | 35 | 1.30 | 1790 | 1.80 | | | | | |

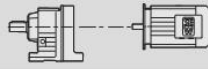



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|---------|
| 5.5 | 2.2 | 22200 | 656 | 120000 | 0.80 | | | | |
| | 2.5 | 19400 | 579 | 120000 | 0.95 | | | | |
| | 2.8 | 17000 | 503 | 120000 | 1.05 | | | | |
| | 3.3 | 14500 | 432 | 120000 | 1.25 | R | | | |
| | 3.8 | 12700 | 376 | 120000 | 1.40 | RF | 167 R97 | DV 132S4 | 780 246 |
| | 4.3 | 11300 | 335 | 120000 | 1.60 | | | | |
| | 4.7 | 10200 | 303 | 120000 | 1.75 | | | | |
| | 5.1 | 9360 | 279 | 120000 | 1.90 | | | | |
| | 3.1 | 15700 | 462 | 41200 | 0.85 | | | | |
| | 3.4 | 14600 | 426 | 55400 | 0.90 | | | | |
| | 3.9 | 12600 | 368 | 63500 | 1.05 | | | | |
| | 4.4 | 11100 | 326 | 66000 | 1.15 | R | 147 R87 | DV 132S4 | 475 246 |
| | 5.1 | 9520 | 280 | 68500 | 1.35 | RF | 147 R87 | DV 132S4 | 480 246 |
| | 5.8 | 8400 | 247 | 69900 | 1.55 | | | | |
| | 6.7 | 7250 | 214 | 71100 | 1.80 | | | | |
| | 7.6 | 6410 | 189 | 71900 | 2.0 | | | | |
| | 3.1 | 17000 | 229.71 | 120000 | 1.05 | | | | |
| | 3.8 | 13800 | 186.93* | 120000 | 1.30 | R | 167 | DV 160M8 | 700 244 |
| | 4.6 | 11300 | 153.07 | 120000 | 1.60 | RF | 167 | DV 160M8 | 700 245 |
| | 5.1 | 10400 | 139.98 | 120000 | 1.75 | | | | |
| | 5.8 | 9010 | 121.81* | 120000 | 2.0 | | | | |
| | 4.4 | 12100 | 163.31 | 64400 | 1.10 | | | | |
| | 4.8 | 10900 | 146.91 | 66500 | 1.20 | R | 147 | DV 160M8 | 445 242 |
| | 5.9 | 8870 | 119.86 | 69300 | 1.45 | RF | 147 | DV 160M8 | 455 243 |
| | 6.5 | 8090 | 109.31 | 70200 | 1.60 | | | | |
| | 5.9 | 8930 | 163.31 | 69200 | 1.45 | R | 147 | DV 132ML6 | 440 242 |
| | 6.5 | 8040 | 146.91 | 70300 | 1.60 | RF | 147 | DV 132ML6 | 450 243 |
| | 8.0 | 6560 | 119.86 | 71700 | 2.0 | | | | |
| | 8.8 | 5980 | 109.31 | 72200 | 2.2 | R | 147 | DV 132ML6 | 440 242 |
| | 10 | 5180 | 94.60* | 72800 | 2.5 | RF | 147 | DV 132ML6 | 450 243 |
| | 12 | 4570 | 83.47 | 73200 | 2.9 | | | | |
| | 5.5 | 9480 | 128.18 | 44400 | 0.85 | | | | |
| | 6.2 | 8410 | 113.72 | 52200 | 0.95 | R | 137 | DV 160M8 | 315 240 |
| | 6.9 | 7630 | 103.20* | 54200 | 1.05 | RF | 137 | DV 160M8 | 340 241 |
| | 8.0 | 6560 | 88.70* | 56100 | 1.20 | | | | |
| 5.5 | 9540 | 174.40* | 43300 | 0.85 | | | | | |
| 6.1 | 8550 | 156.31 | 51600 | 0.95 | | | | | |
| 6.8 | 7720 | 141.12* | 54000 | 1.05 | R | 137 | DV 132ML6 | 310 240 | |
| 7.5 | 7010 | 128.18 | 55300 | 1.15 | RF | 137 | DV 132ML6 | 335 241 | |
| 8.4 | 6220 | 113.72 | 56700 | 1.30 | | | | | |
| 9.3 | 5650 | 103.20* | 57600 | 1.40 | | | | | |
| 6.4 | 8180 | 222.60* | 53000 | 1.00 | | | | | |
| 7.6 | 6920 | 188.45 | 55500 | 1.15 | R | 137 | DV 132S4 | 295 240 | |
| 8.2 | 6410 | 174.40* | 56400 | 1.25 | RF | 137 | DV 132S4 | 320 241 | |
| 9.2 | 5740 | 156.31 | 57400 | 1.40 | | | | | |
| 10 | 5180 | 141.12* | 58200 | 1.55 | | | | | |
| 11 | 4710 | 128.18 | 58800 | 1.70 | | | | | |
| 13 | 4180 | 113.72 | 59300 | 1.90 | | | | | |
| 14 | 3790 | 103.20* | 59700 | 2.1 | | | | | |
| 16 | 3260 | 88.70* | 60200 | 2.5 | R | 137 | DV 132S4 | 295 240 | |
| 18 | 2970 | 80.91* | 60400 | 2.7 | RF | 137 | DV 132S4 | 320 241 | |
| 19 | 2700 | 73.49 | 60500 | 3.0 | | | | | |
| 22 | 2390 | 65.20 | 60700 | 3.3 | | | | | |
| 24 | 2170 | 59.17* | 60900 | 3.7 | | | | | |
| 28 | 1870 | 50.86* | 61000 | 4.3 | | | | | |
| 11 | 4690 | 127.68 | 27100 | 0.90 | | | | | |
| 12 | 4250 | 115.63 | 29800 | 1.00 | | | | | |
| 14 | 3770 | 102.53 | 32100 | 1.15 | | | | | |
| 15 | 3400 | 92.70 | 33500 | 1.25 | | | | | |
| 18 | 2890 | 78.57 | 33500 | 1.50 | R | 107 | DV 132S4 | 195 238 | |
| 20 | 2680 | 72.88 | 32900 | 1.60 | RF | 107 | DV 132S4 | 205 239 | |
| 22 | 2410 | 65.60* | 32100 | 1.80 | | | | | |
| 24 | 2180 | 59.41 | 31300 | 1.95 | | | | | |
| 27 | 1930 | 52.68 | 30300 | 2.2 | | | | | |
| 30 | 1750 | 47.63 | 29500 | 2.5 | | | | | |
| 35 | 1480 | 40.37* | 28200 | 2.9 | | | | | |



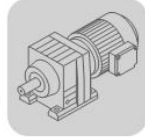
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 5.5 | 17 | 3050 | 83.15 | 17600 | 1.00 | | | | | | |
| | 20 | 2650 | 72.17 | 21800 | 1.15 | | | | | | |
| | 22 | 2390 | 65.21 | 24600 | 1.25 | | | | | | |
| | 24 | 2200 | 59.92 | 24200 | 1.35 | | | | | | |
| | 27 | 1950 | 53.21 | 23600 | 1.55 | R | 97 | DV | 132S4 | 140 | 236 |
| | 30 | 1750 | 47.58 | 23000 | 1.70 | RF | 97 | DV | 132S4 | 155 | 237 |
| | 33 | 1570 | 42.78 | 22500 | 1.90 | | | | | | |
| | 39 | 1360 | 37.13 | 21700 | 2.2 | | | | | | |
| | 43 | 1220 | 33.25 | 21100 | 2.4 | | | | | | |
| | 52 | 1010 | 27.58 | 20100 | 2.6 | | | | | | |
| | 45 | 1180 | 32.05 | 20900 | 2.2 | | | | | | |
| | 53 | 1000 | 27.19 | 20000 | 2.6 | | | | | | |
| | 57 | 920 | 25.03 | 19600 | 3.1 | R | 97 | DV | 132S4 | 135 | 236 |
| | 64 | 820 | 22.37 | 19000 | 3.3 | RF | 97 | DV | 132S4 | 155 | 237 |
| | 71 | 740 | 20.14 | 18400 | 3.5 | | | | | | |
| | 78 | 670 | 18.24 | 17900 | 3.7 | | | | | | |
| | 88 | 595 | 16.17 | 17300 | 4.0 | | | | | | |
| | 30 | 1750 | 47.58 | 15400 | 0.90 | | | | | | |
| | 34 | 1530 | 41.74 | 17000 | 1.00 | R | 87 | DV | 132S4 | 97 | 234 |
| | 39 | 1350 | 36.84* | 17200 | 1.15 | RF | 87 | DV | 132S4 | 105 | 235 |
| | 44 | 1200 | 32.66* | 16700 | 1.30 | | | | | | |
| | 51 | 1020 | 27.88 | 16100 | 1.45 | | | | | | |
| | 51 | 1020 | 27.84* | 16100 | 1.50 | | | | | | |
| | 61 | 860 | 23.40 | 15500 | 1.80 | | | | | | |
| | 66 | 790 | 21.51 | 15200 | 1.90 | | | | | | |
| | 75 | 700 | 19.10 | 14700 | 2.1 | | | | | | |
| | 84 | 625 | 17.08* | 14300 | 2.2 | | | | | | |
| | 93 | 565 | 15.35 | 13900 | 2.4 | R | 87 | DV | 132S4 | 96 | 234 |
| | 107 | 490 | 13.33 | 13400 | 2.6 | RF | 87 | DV | 132S4 | 105 | 235 |
| | 120 | 440 | 11.93 | 13000 | 2.8 | | | | | | |
| | 144 | 365 | 9.90* | 12300 | 3.3 | | | | | | |
| | 156 | 335 | 9.14* | 12200 | 3.6 | | | | | | |
| | 174 | 300 | 8.22 | 11800 | 3.8 | | | | | | |
| | 200 | 260 | 7.13 | 11300 | 4.1 | | | | | | |
| | 76 | 690 | 18.80 | 9240 | 1.15 | R | 77 | DV | 132S4 | 71 | 232 |
| | 80 | 655 | 17.82* | 9400 | 1.20 | RF | 77 | DV | 132S4 | 77 | 233 |
| | 92 | 575 | 15.60 | 9150 | 1.30 | | | | | | |
| | 102 | 515 | 14.05 | 8950 | 1.40 | | | | | | |
| | 116 | 455 | 12.33 | 8690 | 1.50 | | | | | | |
| | 131 | 400 | 10.88 | 8440 | 1.65 | | | | | | |
| | 148 | 355 | 9.64 | 8190 | 1.80 | R | 77 | DV | 132S4 | 71 | 232 |
| | 166 | 315 | 8.59 | 8080 | 2.0 | RF | 77 | DV | 132S4 | 77 | 233 |
| | 185 | 285 | 7.74 | 7860 | 2.2 | | | | | | |
| | 211 | 250 | 6.79 | 7580 | 2.3 | | | | | | |
| | 239 | 220 | 5.99* | 7320 | 2.5 | | | | | | |
| | 269 | 195 | 5.31* | 7070 | 2.6 | | | | | | |
| | 91 | 580 | 15.79 | 6610 | 0.95 | | | | | | |
| | 96 | 550 | 14.91 | 6900 | 1.00 | | | | | | |
| | 113 | 465 | 12.70 | 6810 | 1.10 | | | | | | |
| | 124 | 425 | 11.54 | 6690 | 1.20 | | | | | | |
| | 143 | 365 | 10.00 | 6500 | 1.30 | | | | | | |
| | 164 | 320 | 8.70* | 6310 | 1.40 | R | 67 | DV | 132S4 | 64 | 230 |
| | 183 | 285 | 7.79 | 6180 | 1.35 | RF | 67 | DV | 132S4 | 67 | 231 |
| | 194 | 270 | 7.36* | 6100 | 1.35 | | | | | | |
| | 228 | 230 | 6.27 | 5860 | 1.45 | | | | | | |
| | 251 | 210 | 5.70 | 5720 | 1.50 | | | | | | |
| | 290 | 181 | 4.93 | 5510 | 1.60 | | | | | | |
| | 333 | 158 | 4.29 | 5310 | 1.70 | | | | | | |
| | 331 | 159 | 8.70* | 5300 | 2.8 | | | | | | |
| | 369 | 142 | 7.79 | 5160 | 2.7 | | | | | | |
| 391 | 134 | 7.36* | 5080 | 2.8 | | | | | | | |
| 460 | 114 | 6.27 | 4860 | 2.9 | R | 67 | DV | 132S2 | 64 | 230 | |
| 506 | 104 | 5.70 | 4730 | 3.0 | RF | 67 | DV | 132S2 | 67 | 231 | |
| 584 | 90 | 4.93 | 4540 | 3.2 | | | | | | | |
| 671 | 78 | 4.29 | 4350 | 3.5 | | | | | | | |

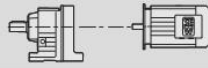



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-----|----|-------|-------------|---|
| 5.5 | 97 | 545 | 14.77* | 1730 | 0.80 | | | | | | |
| | 103 | 510 | 13.95* | 2070 | 0.85 | R | 57 | DV | 132S4 | 58 | 228 |
| | 120 | 435 | 11.88 | 2900 | 0.95 | RF | 57 | DV | 132S4 | 61 | 229 |
| | 132 | 395 | 10.79 | 3270 | 1.00 | | | | | | |
| | 153 | 345 | 9.35 | 3240 | 1.10 | | | | | | |
| | 179 | 295 | 7.97 | 3220 | 1.20 | | | | | | |
| | 190 | 275 | 7.53 | 3200 | 1.25 | R | 57 | DV | 132S4 | 58 | 228 |
| | 223 | 235 | 6.41 | 3120 | 1.40 | RF | 57 | DV | 132S4 | 61 | 229 |
| | 246 | 215 | 5.82 | 3080 | 1.50 | | | | | | |
| | 283 | 185 | 5.05 | 3000 | 1.65 | | | | | | |
| | 326 | 161 | 4.39 | 2920 | 1.75 | | | | | | |
| | 308 | 171 | 9.35 | 2930 | 2.2 | | | | | | |
| | 361 | 145 | 7.97 | 2850 | 2.4 | | | | | | |
| | 383 | 137 | 7.53 | 2820 | 2.6 | R | 57 | DV | 132S2 | 58 | 228 |
| | 449 | 117 | 6.41 | 2720 | 2.9 | RF | 57 | DV | 132S2 | 61 | 229 |
| | 494 | 106 | 5.82 | 2660 | 3.0 | | | | | | |
| | 571 | 92 | 5.05 | 2560 | 3.3 | | | | | | |
| | 656 | 80 | 4.39 | 2470 | 3.5 | | | | | | |
| | 295 | 178 | 4.85 | 1870 | 0.85 | R | 47 | DV | 132S4 | 53 | 226 |
| | 330 | 159 | 4.34 | 2110 | 0.90 | RF | 47 | DV | 132S4 | 53 | 227 |
| | 373 | 141 | 3.83 | 2080 | 1.00 | | | | | | |
| | 230 | 230 | 12.54 | 1730 | 1.10 | | | | | | |
| | 244 | 215 | 11.79 | 1910 | 1.15 | | | | | | |
| | 284 | 185 | 10.15 | 2250 | 1.25 | | | | | | |
| | 318 | 165 | 9.07 | 2220 | 1.35 | | | | | | |
| | 359 | 146 | 8.01 | 2170 | 1.40 | R | 47 | DV | 132S2 | 53 | 226 |
| | 480 | 109 | 6.00 | 2000 | 1.45 | RF | 47 | DV | 132S2 | 53 | 227 |
| | 511 | 103 | 5.64* | 1970 | 1.50 | | | | | | |
| | 593 | 89 | 4.85 | 1920 | 1.70 | | | | | | |
| | 664 | 79 | 4.34 | 1870 | 1.85 | | | | | | |
| | 752 | 70 | 3.83 | 1820 | 2.1 | | | | | | |
| | 216 | 245 | 6.63* | 10500 | 1.90 | RX | 107 | DV | 132S4 | 135 | 216 |
| | 255 | 205 | 5.61 | 9980 | 2.2 | RXF | 107 | DV | 132S4 | 150 | 217 |
| | 276 | 191 | 5.19 | 9760 | 3.7 | | | | | | |
| | 307 | 171 | 4.65 | 9460 | 4.1 | | | | | | |
| | 247 | 215 | 5.79 | 8380 | 1.95 | | | | | | |
| | 291 | 180 | 4.91 | 8010 | 2.2 | | | | | | |
| | 316 | 166 | 4.52 | 7820 | 3.6 | | | | | | |
| | 354 | 149 | 4.04 | 7580 | 4.0 | | | | | | |
| | 393 | 134 | 3.64* | 7350 | 4.5 | | | | | | |
| | 434 | 121 | 3.30 | 7140 | 4.9 | RX | 97 | DV | 132S4 | 105 | 214 |
| | 489 | 107 | 2.92 | 6890 | 5.5 | RXF | 97 | DV | 132S4 | 110 | 215 |
| | 541 | 97 | 2.64 | 6690 | 6.1 | | | | | | |
| | 638 | 82 | 2.24* | 6360 | 7.2 | | | | | | |
| | 731 | 72 | 1.96 | 6110 | 7.9 | | | | | | |
| | 874 | 60 | 1.64 | 5780 | 8.4 | | | | | | |
| | 1010 | 52 | 1.42 | 5530 | 8.8 | | | | | | |
| | 318 | 165 | 4.50* | 6040 | 1.75 | | | | | | |
| | 378 | 139 | 3.78 | 5770 | 2.2 | | | | | | |
| | 411 | 128 | 3.48 | 5640 | 3.2 | RX | 87 | DV | 132S4 | 77 | 212 |
| | 463 | 113 | 3.09 | 5460 | 3.6 | RXF | 87 | DV | 132S4 | 82 | 213 |
| | 518 | 101 | 2.76* | 5290 | 4.0 | | | | | | |
| | 576 | 91 | 2.48 | 5130 | 4.5 | | | | | | |
| | 664 | 79 | 2.15 | 4930 | 4.9 | | | | | | |
| | 440 | 119 | 3.25* | 4220 | 1.50 | | | | | | |
| | 464 | 113 | 3.08* | 4160 | 1.70 | | | | | | |
| | 530 | 99 | 2.70 | 4030 | 2.2 | | | | | | |
| | 589 | 89 | 2.43 | 3920 | 2.4 | RX | 77 | DV | 132S4 | 62 | 210 |
| | 671 | 78 | 2.13 | 3780 | 2.6 | RXF | 77 | DV | 132S4 | 65 | 211 |
| | 761 | 69 | 1.88* | 3660 | 2.7 | | | | | | |
| | 858 | 61 | 1.67 | 3540 | 2.8 | | | | | | |
| | 1005 | 52 | 1.42 | 3380 | 3.0 | | | | | | |



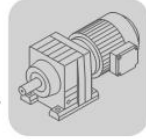
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|---------|----------------------|-----------|-----|---------|----|-------|-------------|-----|
| 5.5 | 563 | 93 | 2.54 | 2550 | 1.25 | | | | | | |
| | 596 | 88 | 2.40* | 2520 | 1.40 | | | | | | |
| | 700 | 75 | 2.04 | 2430 | 1.80 | RX | 67 | DV | 132S4 | 52 | 208 |
| | 770 | 68 | 1.86 | 2380 | 1.85 | RXF | 67 | DV | 132S4 | 56 | 209 |
| | 889 | 59 | 1.61 | 2300 | 1.95 | | | | | | |
| | 1020 | 51 | 1.40* | 2220 | 2.0 | | | | | | |
| | 700 | 75 | 2.04 | 665 | 0.90 | | | | | | |
| | 745 | 71 | 1.92* | 755 | 1.00 | RX | 57 | DV | 132S4 | 49 | 206 |
| | 866 | 61 | 1.65 | 940 | 1.15 | RXF | 57 | DV | 132S4 | 51 | 207 |
| | 969 | 54 | 1.48 | 1020 | 1.25 | | | | | | |
| 1095 | 48 | 1.30 | 1160 | 1.30 | | | | | | | |
| 7.5 | 2.8 | 23400 | 503 | 120000 | 0.75 | | | | | | |
| | 3.3 | 19900 | 432 | 120000 | 0.90 | | | | | | |
| | 3.8 | 17500 | 376 | 120000 | 1.05 | R | 167 R97 | DV | 132M4 | 800 | 246 |
| | 4.3 | 15600 | 335 | 120000 | 1.15 | RF | 167 R97 | DV | 132M4 | 810 | 246 |
| | 4.7 | 14000 | 303 | 120000 | 1.30 | | | | | | |
| | 5.1 | 12900 | 279 | 120000 | 1.40 | | | | | | |
| | 4.4 | 15200 | 326 | 47300 | 0.85 | | | | | | |
| | 5.1 | 13000 | 280 | 62600 | 1.00 | | | | | | |
| | 5.8 | 11500 | 247 | 65400 | 1.15 | R | 147 R87 | DV | 132M4 | 495 | 246 |
| | 6.7 | 9940 | 214 | 67900 | 1.30 | RF | 147 R87 | DV | 132M4 | 500 | 246 |
| | 7.6 | 8790 | 189 | 69400 | 1.50 | | | | | | |
| | 9.0 | 7390 | 159 | 71000 | 1.75 | | | | | | |
| | 3.1 | 22900 | 229.71 | 120000 | 0.80 | | | | | | |
| | 3.9 | 18600 | 186.93* | 120000 | 0.95 | | | | | | |
| | 4.7 | 15200 | 153.07 | 120000 | 1.20 | R | 167 | DV | 160L8 | 730 | 244 |
| | 5.1 | 13900 | 139.98 | 120000 | 1.30 | RF | 167 | DV | 160L8 | 740 | 245 |
| | 5.9 | 12100 | 121.81* | 120000 | 1.50 | | | | | | |
| | 4.2 | 17100 | 229.71 | 120000 | 1.05 | R | 167 | DV | 160M6 | 700 | 244 |
| | 5.1 | 13900 | 186.93* | 120000 | 1.30 | RF | 167 | DV | 160M6 | 700 | 245 |
| | 6.3 | 11400 | 153.07 | 120000 | 1.60 | | | | | | |
| | 6.9 | 10400 | 139.98 | 120000 | 1.70 | | | | | | |
| | 7.9 | 9090 | 121.81* | 120000 | 2.0 | | | | | | |
| | 8.9 | 8020 | 107.49 | 120000 | 2.2 | | | | | | |
| | 10 | 6950 | 93.19 | 120000 | 2.6 | R | 167 | DV | 160M6 | 700 | 244 |
| | 12 | 6190 | 82.91* | 120000 | 2.9 | RF | 167 | DV | 160M6 | 700 | 245 |
| | 13 | 5500 | 73.70* | 120000 | 3.3 | | | | | | |
| | 14 | 5030 | 67.40 | 120000 | 3.6 | | | | | | |
| | 4.4 | 16200 | 163.31 | 32800 | 0.80 | | | | | | |
| | 4.9 | 14600 | 146.91 | 55100 | 0.90 | R | 147 | DV | 160L8 | 480 | 242 |
| | 6.0 | 11900 | 119.86 | 64700 | 1.10 | RF | 147 | DV | 160L8 | 490 | 243 |
| | 6.6 | 10900 | 109.31 | 66500 | 1.20 | | | | | | |
| | 5.9 | 12200 | 163.31 | 64200 | 1.05 | | | | | | |
| | 6.5 | 11000 | 146.91 | 66300 | 1.20 | R | 147 | DV | 160M6 | 445 | 242 |
| | 8.0 | 8940 | 119.86 | 69200 | 1.45 | RF | 147 | DV | 160M6 | 455 | 243 |
| | 8.8 | 8150 | 109.31 | 70100 | 1.60 | | | | | | |
| | 10 | 7060 | 94.60* | 71300 | 1.85 | R | 147 | DV | 160M6 | 445 | 242 |
| | 12 | 6230 | 83.47 | 72000 | 2.1 | RF | 147 | DV | 160M6 | 455 | 243 |
| | 7.6 | 9440 | 188.45 | 45300 | 0.85 | | | | | | |
| | 8.2 | 8730 | 174.40* | 50800 | 0.90 | R | 137 | DV | 132M4 | 305 | 240 |
| | 9.2 | 7830 | 156.31 | 53700 | 1.00 | RF | 137 | DV | 132M4 | 325 | 241 |
| | 10 | 7070 | 141.12* | 55200 | 1.15 | | | | | | |
| | 11 | 6420 | 128.18 | 56400 | 1.25 | | | | | | |
| | 13 | 5700 | 113.72 | 57500 | 1.40 | | | | | | |
| | 14 | 5170 | 103.20* | 58200 | 1.55 | | | | | | |
| | 16 | 4440 | 88.70* | 59100 | 1.80 | | | | | | |
| | 18 | 4050 | 80.91* | 59500 | 1.95 | R | 137 | DV | 132M4 | 305 | 240 |
| | 19 | 3680 | 73.49 | 59800 | 2.2 | RF | 137 | DV | 132M4 | 325 | 241 |
| | 22 | 3270 | 65.20 | 60100 | 2.5 | | | | | | |
| | 24 | 2960 | 59.17* | 60400 | 2.7 | | | | | | |
| | 28 | 2550 | 50.86* | 60600 | 3.1 | | | | | | |

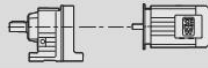



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 7.5 | 15 | 4640 | 92.70 | 27500 | 0.95 | | | | | | |
| | 18 | 3940 | 78.57 | 31300 | 1.10 | | | | | | |
| | 20 | 3650 | 72.88 | 31300 | 1.20 | | | | | | |
| | 22 | 3290 | 65.60* | 30600 | 1.30 | | | | | | |
| | 24 | 2980 | 59.41 | 30000 | 1.45 | R | 107 | DV | 132M4 | 215 | 238 |
| | 27 | 2640 | 52.68 | 29200 | 1.65 | RF | 107 | DV | 132M4 | 225 | 239 |
| | 30 | 2390 | 47.63 | 28500 | 1.80 | | | | | | |
| | 35 | 2020 | 40.37* | 27300 | 2.1 | | | | | | |
| | 41 | 1770 | 35.26 | 26400 | 2.4 | | | | | | |
| | 48 | 1480 | 29.49 | 25200 | 2.9 | | | | | | |
| | 46 | 1540 | 30.77 | 25500 | 2.8 | | | | | | |
| | 52 | 1380 | 27.58 | 24700 | 3.1 | R | 107 | DV | 132M4 | 210 | 238 |
| | 57 | 1250 | 24.90* | 24100 | 3.5 | RF | 107 | DV | 132M4 | 215 | 239 |
| | 63 | 1130 | 22.62 | 23400 | 3.8 | | | | | | |
| | 24 | 3000 | 59.92 | 19700 | 1.00 | | | | | | |
| | 27 | 2670 | 53.21 | 22200 | 1.15 | R | 97 | DV | 132M4 | 160 | 236 |
| | 30 | 2380 | 47.58 | 21800 | 1.25 | RF | 97 | DV | 132M4 | 175 | 237 |
| | 33 | 2140 | 42.78 | 21300 | 1.40 | | | | | | |
| | 39 | 1860 | 37.13 | 20700 | 1.60 | | | | | | |
| | 43 | 1670 | 33.25 | 20200 | 1.75 | R | 97 | DV | 132M4 | 160 | 236 |
| | 52 | 1380 | 27.58 | 19400 | 1.95 | RF | 97 | DV | 132M4 | 175 | 237 |
| | 45 | 1610 | 32.05 | 20000 | 1.60 | | | | | | |
| | 53 | 1360 | 27.19 | 19300 | 1.90 | | | | | | |
| | 57 | 1250 | 25.03 | 18900 | 2.3 | R | 97 | DV | 132M4 | 155 | 236 |
| | 64 | 1120 | 22.37 | 18400 | 2.4 | RF | 97 | DV | 132M4 | 175 | 237 |
| | 71 | 1010 | 20.14 | 17900 | 2.6 | | | | | | |
| | 78 | 910 | 18.24 | 17500 | 2.7 | | | | | | |
| | 39 | 1840 | 36.84* | 11500 | 0.85 | R | 87 | DV | 132M4 | 120 | 234 |
| | 44 | 1640 | 32.66* | 15700 | 0.95 | RF | 87 | DV | 132M4 | 125 | 235 |
| | 51 | 1400 | 27.88 | 15200 | 1.05 | | | | | | |
| | 51 | 1390 | 27.84* | 15200 | 1.10 | | | | | | |
| | 61 | 1170 | 23.40 | 14700 | 1.30 | | | | | | |
| | 66 | 1080 | 21.51 | 14500 | 1.40 | | | | | | |
| 75 | 960 | 19.10 | 14100 | 1.50 | | | | | | | |
| 84 | 860 | 17.08* | 13700 | 1.65 | | | | | | | |
| 93 | 770 | 15.35 | 12500 | 1.75 | | | | | | | |
| 107 | 670 | 13.33 | 12900 | 1.90 | R | 87 | DV | 132M4 | 120 | 234 | |
| 120 | 600 | 11.93 | 12600 | 2.1 | RF | 87 | DV | 132M4 | 125 | 235 | |
| 144 | 495 | 9.90* | 12000 | 2.4 | | | | | | | |
| 156 | 460 | 9.14* | 11900 | 2.6 | | | | | | | |
| 174 | 410 | 8.22 | 11600 | 2.8 | | | | | | | |
| 200 | 355 | 7.13 | 11100 | 3.0 | | | | | | | |
| 224 | 320 | 6.39 | 10800 | 3.2 | | | | | | | |
| 270 | 265 | 5.30* | 10200 | 3.4 | | | | | | | |
| 76 | 940 | 18.80 | 5310 | 0.85 | | | | | | | |
| 80 | 890 | 17.82* | 5720 | 0.85 | | | | | | | |
| 92 | 780 | 15.60 | 6610 | 0.95 | | | | | | | |
| 102 | 705 | 14.05 | 7180 | 1.00 | | | | | | | |
| 116 | 615 | 12.33 | 7750 | 1.10 | | | | | | | |
| 131 | 545 | 10.88 | 8010 | 1.20 | R | 77 | DV | 132M4 | 92 | 232 | |
| 148 | 485 | 9.64 | 7810 | 1.30 | RF | 77 | DV | 132M4 | 98 | 233 | |
| 166 | 430 | 8.59 | 7620 | 1.45 | | | | | | | |
| 185 | 390 | 7.74 | 7590 | 1.55 | | | | | | | |
| 211 | 340 | 6.79 | 7340 | 1.70 | | | | | | | |
| 239 | 300 | 5.99* | 7110 | 1.80 | | | | | | | |
| 269 | 265 | 5.31* | 6890 | 1.90 | | | | | | | |
| 113 | 635 | 12.70 | 4240 | 0.80 | | | | | | | |
| 124 | 580 | 11.54 | 4860 | 0.85 | | | | | | | |
| 143 | 500 | 10.00 | 5620 | 0.95 | | | | | | | |
| 164 | 435 | 8.70* | 5930 | 1.00 | | | | | | | |
| 183 | 390 | 7.79 | 5500 | 0.95 | R | 67 | DV | 132M4 | 87 | 230 | |
| 194 | 370 | 7.36* | 5720 | 1.00 | RF | 67 | DV | 132M4 | 90 | 231 | |
| 228 | 315 | 6.27 | 5600 | 1.05 | | | | | | | |
| 251 | 285 | 5.70 | 5480 | 1.10 | | | | | | | |
| 290 | 245 | 4.93 | 5300 | 1.15 | | | | | | | |
| 333 | 215 | 4.29 | 5130 | 1.25 | | | | | | | |





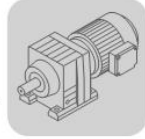
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B | | | | | m [kg] | |
|---------------|------------------|---------------|--------|----------------------|-----------|-----|---------|-------|--------|-------------|-----|
| 7.5 | 179 | 400 | 7.97 | 980 | 0.90 | | | | | | |
| | 190 | 375 | 7.53 | 1280 | 0.95 | | | | | | |
| | 223 | 320 | 6.41 | 2020 | 1.05 | R | 57 | DV | 132M4 | 81 | 228 |
| | 246 | 290 | 5.82 | 2380 | 1.10 | RF | 57 | DV | 132M4 | 84 | 229 |
| | 283 | 255 | 5.05 | 2760 | 1.20 | | | | | | |
| | 326 | 220 | 4.39 | 2710 | 1.25 | | | | | | |
| | 196 | 365 | 14.77* | 2580 | 1.20 | | | | | | |
| | 208 | 345 | 13.95* | 2780 | 1.25 | | | | | | |
| | 244 | 295 | 11.88 | 2780 | 1.40 | | | | | | |
| | 269 | 265 | 10.79 | 2750 | 1.45 | | | | | | |
| | 310 | 230 | 9.35 | 2710 | 1.60 | | | | | | |
| | 364 | 197 | 7.97 | 2670 | 1.80 | R | 57 | DV | 132M2 | 87 | 228 |
| | 385 | 186 | 7.53 | 2640 | 1.90 | RF | 57 | DV | 132M2 | 90 | 229 |
| | 452 | 158 | 6.41 | 2570 | 2.1 | | | | | | |
| | 498 | 144 | 5.82 | 2520 | 2.2 | | | | | | |
| | 575 | 125 | 5.05 | 2440 | 2.5 | | | | | | |
| | 660 | 108 | 4.39 | 2370 | 2.6 | | | | | | |
| | 216 | 330 | 6.63* | 10100 | 1.40 | | | | | | |
| | 255 | 280 | 5.61 | 9690 | 1.60 | | | | | | |
| | 276 | 260 | 5.19 | 9490 | 2.7 | RX | 107 | DV | 132M4 | 155 | 216 |
| | 307 | 235 | 4.65 | 9210 | 3.0 | RXF | 107 | DV | 132M4 | 170 | 217 |
| | 340 | 210 | 4.20* | 8950 | 3.9 | | | | | | |
| | 247 | 290 | 5.79 | 8080 | 1.45 | | | | | | |
| | 291 | 245 | 4.91 | 7750 | 1.60 | | | | | | |
| | 316 | 225 | 4.52 | 7580 | 2.6 | | | | | | |
| | 354 | 205 | 4.04 | 7360 | 2.9 | RX | 97 | DV | 132M4 | 125 | 214 |
| | 393 | 182 | 3.64* | 7160 | 3.3 | RXF | 97 | DV | 132M4 | 130 | 215 |
| | 434 | 165 | 3.30 | 6960 | 3.6 | | | | | | |
| | 489 | 146 | 2.92 | 6730 | 4.1 | | | | | | |
| | 318 | 225 | 4.50* | 5760 | 1.30 | | | | | | |
| | 378 | 189 | 3.78 | 5530 | 1.60 | | | | | | |
| | 411 | 174 | 3.48 | 5420 | 2.3 | | | | | | |
| | 463 | 155 | 3.09 | 5260 | 2.6 | | | | | | |
| | 518 | 138 | 2.76* | 5110 | 2.9 | RX | 87 | DV | 132M4 | 99 | 212 |
| | 576 | 124 | 2.48 | 4970 | 3.3 | RXF | 87 | DV | 132M4 | 105 | 213 |
| | 664 | 108 | 2.15 | 4780 | 3.6 | | | | | | |
| | 741 | 97 | 1.93 | 4640 | 3.7 | | | | | | |
| | 894 | 80 | 1.60* | 4400 | 3.9 | | | | | | |
| | 1030 | 70 | 1.39 | 4230 | 4.2 | | | | | | |
| | 440 | 163 | 3.25* | 3820 | 1.10 | | | | | | |
| 464 | 154 | 3.08* | 3890 | 1.25 | | | | | | | |
| 530 | 135 | 2.70 | 3820 | 1.60 | | | | | | | |
| 589 | 122 | 2.43 | 3730 | 1.75 | RX | 77 | DV | 132M4 | 83 | 210 | |
| 671 | 107 | 2.13 | 3620 | 1.85 | RXF | 77 | DV | 132M4 | 86 | 211 | |
| 761 | 94 | 1.88* | 3510 | 2.0 | | | | | | | |
| 858 | 84 | 1.67 | 3400 | 2.1 | | | | | | | |
| 1005 | 71 | 1.42 | 3260 | 2.2 | | | | | | | |
| 563 | 127 | 2.54 | 1500 | 0.95 | | | | | | | |
| 596 | 120 | 2.40* | 1610 | 1.00 | | | | | | | |
| 700 | 102 | 2.04 | 1810 | 1.30 | RX | 67 | DV | 132M4 | 75 | 208 | |
| 770 | 93 | 1.86 | 1930 | 1.35 | RXF | 67 | DV | 132M4 | 79 | 209 | |
| 889 | 81 | 1.61 | 2060 | 1.40 | | | | | | | |
| 1020 | 70 | 1.40* | 2080 | 1.50 | | | | | | | |
| 9.2 | 3.8 | 21400 | 376 | 120000 | 0.85 | | | | | | |
| | 4.3 | 19000 | 335 | 120000 | 0.95 | R | 167 R97 | DV | 132ML4 | 810 | 246 |
| | 4.8 | 17100 | 303 | 120000 | 1.05 | RF | 167 R97 | DV | 132ML4 | 820 | 246 |
| | 5.2 | 15700 | 279 | 120000 | 1.15 | | | | | | |
| | 5.1 | 15900 | 280 | 37800 | 0.80 | | | | | | |
| | 5.8 | 14000 | 247 | 60400 | 0.95 | | | | | | |
| | 6.7 | 12100 | 214 | 64300 | 1.05 | R | 147 R87 | DV | 132ML4 | 500 | 246 |
| | 7.6 | 10700 | 189 | 66700 | 1.20 | RF | 147 R87 | DV | 132ML4 | 510 | 246 |
| | 9.1 | 9020 | 159 | 69100 | 1.45 | | | | | | |

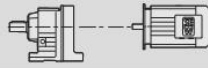



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|
| 9.2 | 8.8 | 9960 | 163.31 | 67800 | 1.30 | | | |
| | 9.8 | 8960 | 146.91 | 69200 | 1.45 | R | 147 | DV 132ML4 440 242 |
| | 12 | 7310 | 119.86 | 71000 | 1.80 | RF | 147 | DV 132ML4 450 243 |
| | 13 | 6670 | 109.31 | 71600 | 1.95 | | | |
| | 15 | 5770 | 94.60* | 72400 | 2.3 | | | |
| | 17 | 5090 | 83.47 | 72900 | 2.6 | R | 147 | DV 132ML4 440 242 |
| | 20 | 4400 | 72.09 | 73300 | 3.0 | RF | 147 | DV 132ML4 450 243 |
| | 22 | 4090 | 66.99 | 73500 | 3.2 | | | |
| 9.2 | 9.2 | 9540 | 156.31 | 43400 | 0.85 | | | |
| | 10 | 8610 | 141.12* | 51400 | 0.95 | R | 137 | DV 132ML4 310 240 |
| | 11 | 7820 | 128.18 | 53800 | 1.00 | RF | 137 | DV 132ML4 335 241 |
| | 13 | 6940 | 113.72 | 55500 | 1.15 | | | |
| | 14 | 6300 | 103.20* | 56600 | 1.25 | | | |
| | 16 | 5410 | 88.70* | 57900 | 1.50 | | | |
| | 18 | 4940 | 80.91* | 58500 | 1.60 | | | |
| | 20 | 4480 | 73.49 | 59000 | 1.80 | R | 137 | DV 132ML4 310 240 |
| | 22 | 3980 | 65.20 | 59500 | 2.0 | RF | 137 | DV 132ML4 335 241 |
| | 24 | 3610 | 59.17* | 59900 | 2.2 | | | |
| | 28 | 3100 | 50.86* | 60300 | 2.6 | | | |
| | 32 | 2710 | 44.39 | 60500 | 3.0 | | | |
| | 18 | 4790 | 78.57 | 23300 | 0.90 | | | |
| | 20 | 4450 | 72.88 | 28600 | 0.95 | | | |
| | 22 | 4000 | 65.60* | 29400 | 1.05 | | | |
| | 24 | 3620 | 59.41 | 28800 | 1.20 | | | |
| | 27 | 3210 | 52.68 | 28100 | 1.35 | R | 107 | DV 132ML4 225 238 |
| | 30 | 2910 | 47.63 | 27500 | 1.50 | RF | 107 | DV 132ML4 230 239 |
| | 36 | 2460 | 40.37* | 26500 | 1.75 | | | |
| | 41 | 2150 | 35.26 | 25700 | 2.0 | | | |
| | 49 | 1800 | 29.49 | 24600 | 2.4 | | | |
| | 47 | 1880 | 30.77 | 24900 | 2.3 | | | |
| | 52 | 1680 | 27.58 | 24200 | 2.6 | R | 107 | DV 132ML4 220 238 |
| | 58 | 1520 | 24.90* | 23500 | 2.8 | RF | 107 | DV 132ML4 225 239 |
| | 64 | 1380 | 22.62 | 23000 | 3.1 | | | |
| | 72 | 1220 | 20.07 | 22200 | 3.5 | | | |
| | 27 | 3250 | 53.21 | 3280 | 0.90 | | | |
| | 30 | 2900 | 47.58 | 20600 | 1.05 | R | 97 | DV 132ML4 170 236 |
| | 34 | 2610 | 42.78 | 20300 | 1.15 | RF | 97 | DV 132ML4 185 237 |
| | 39 | 2270 | 37.13 | 19800 | 1.30 | | | |
| | 43 | 2030 | 33.25 | 19400 | 1.40 | R | 97 | DV 132ML4 170 236 |
| | 52 | 1680 | 27.58 | 18700 | 1.60 | RF | 97 | DV 132ML4 185 237 |
| | 58 | 1530 | 25.03 | 18300 | 1.85 | | | |
| | 64 | 1370 | 22.37 | 17900 | 2.0 | | | |
| | 71 | 1230 | 20.14 | 17400 | 2.1 | | | |
| | 79 | 1110 | 18.24 | 17000 | 2.3 | R | 97 | DV 132ML4 165 236 |
| | 89 | 990 | 16.17 | 16500 | 2.4 | RF | 97 | DV 132ML4 185 237 |
| | 98 | 890 | 14.62 | 16100 | 2.6 | | | |
| | 116 | 755 | 12.39 | 15400 | 2.9 | | | |
| | 67 | 1310 | 21.51 | 13900 | 1.15 | | | |
| | 75 | 1170 | 19.10 | 13600 | 1.25 | | | |
| | 84 | 1040 | 17.08* | 13200 | 1.35 | | | |
| | 94 | 940 | 15.35 | 13000 | 1.45 | | | |
| | 108 | 810 | 13.33 | 12600 | 1.55 | | | |
| | 121 | 730 | 11.93 | 12200 | 1.70 | R | 87 | DV 132ML4 125 234 |
| | 145 | 605 | 9.90* | 11700 | 1.95 | RF | 87 | DV 132ML4 135 235 |
| | 158 | 560 | 9.14* | 11700 | 2.2 | | | |
| | 175 | 500 | 8.22 | 11400 | 2.3 | | | |
| | 202 | 435 | 7.13 | 10900 | 2.5 | | | |
| | 225 | 390 | 6.39 | 10600 | 2.6 | | | |
| | 102 | 860 | 14.05 | 4740 | 0.85 | | | |
| | 117 | 750 | 12.33 | 5610 | 0.90 | R | 77 | DV 132ML4 100 232 |
| | 132 | 665 | 10.88 | 6280 | 1.00 | RF | 77 | DV 132ML4 105 233 |
| | 149 | 590 | 9.64 | 6800 | 1.05 | | | |
| | 186 | 470 | 7.74 | 6300 | 1.30 | | | |
| | 212 | 415 | 6.79 | 6720 | 1.40 | R | 77 | DV 132ML4 100 232 |
| | 240 | 365 | 5.99* | 6920 | 1.50 | RF | 77 | DV 132ML4 105 233 |
| | 271 | 325 | 5.31* | 6720 | 1.55 | | | |

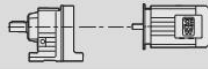



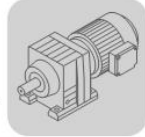
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-----------------|---|---------|
| 9.2 | 277 | 315 | 5.19 | 9240 | 2.2 | | | | |
| | 310 | 285 | 4.65 | 8990 | 2.5 | | | | |
| | 343 | 255 | 4.20* | 8760 | 3.2 | RX | 107 | DV 132ML4 | 165 216 |
| | 377 | 235 | 3.81 | 8540 | 3.6 | RXF | 107 | DV 132ML4 | 180 217 |
| 425 | 205 | 3.38 | 8270 | 4.0 | | | | | |
| | 318 | 275 | 4.52 | 7370 | 2.2 | | | | |
| | 356 | 245 | 4.04 | 7170 | 2.4 | | | | |
| | 396 | 220 | 3.64* | 6980 | 2.7 | | | | |
| | 437 | 200 | 3.30 | 6800 | 3.0 | | | | |
| | 493 | 178 | 2.92 | 6590 | 3.3 | RX | 97 | DV 132ML4 | 135 214 |
| | 545 | 161 | 2.64 | 6410 | 3.7 | RXF | 97 | DV 132ML4 | 140 215 |
| | 643 | 137 | 2.24* | 6120 | 4.4 | | | | |
| | 736 | 119 | 1.96 | 5890 | 4.8 | | | | |
| | 880 | 100 | 1.64 | 5590 | 5.1 | | | | |
| | 1015 | 86 | 1.42 | 5360 | 5.3 | | | | |
| | 414 | 210 | 3.48 | 5220 | 1.90 | | | | |
| | 466 | 188 | 3.09 | 5080 | 2.2 | | | | |
| | 522 | 168 | 2.76* | 4950 | 2.4 | | | | |
| | 580 | 151 | 2.48 | 4820 | 2.7 | RX | 87 | DV 132ML4 | 110 212 |
| | 669 | 131 | 2.15 | 4650 | 2.9 | RXF | 87 | DV 132ML4 | 115 213 |
| | 747 | 118 | 1.93 | 4520 | 3.0 | | | | |
| | 900 | 98 | 1.60* | 4300 | 3.2 | | | | |
| | 1035 | 85 | 1.39 | 4140 | 3.4 | | | | |
| | 593 | 148 | 2.43 | 3010 | 1.45 | | | | |
| | 676 | 130 | 2.13 | 3160 | 1.55 | RX | 77 | DV 132ML4 | 92 210 |
| | 766 | 115 | 1.88* | 3260 | 1.65 | RXF | 77 | DV 132ML4 | 95 211 |
| | 864 | 102 | 1.67 | 3280 | 1.70 | | | | |
| | 1010 | 87 | 1.42 | 3160 | 1.80 | | | | |
| 11.0 | 4.9 | 19600 | 295 | 120000 | 0.90 | | | | |
| | 5.3 | 18200 | 270 | 120000 | 1.00 | R | 167 R107 | DV 160M4 | 860 246 |
| | 6.3 | 15400 | 229 | 120000 | 1.15 | RF | 167 R107 | DV 160M4 | 870 246 |
| | 7.2 | 13400 | 200 | 120000 | 1.35 | | | | |
| | 8.5 | 11300 | 169 | 120000 | 1.60 | | | | |
| | 5.0 | 20000 | 291 | 120000 | 0.90 | R | 167 R107 | DV 160M4 | 860 246 |
| | | | | | | RF | 167 R107 | DV 160M4 | 860 246 |
| | 4.3 | 22800 | 335 | 120000 | 0.80 | R | 167 R97 | DV 160M4 | 820 246 |
| | 4.8 | 20500 | 303 | 120000 | 0.90 | RF | 167 R97 | DV 160M4 | 820 246 |
| | 5.2 | 18900 | 279 | 120000 | 0.95 | | | | |
| | 5.8 | 16800 | 247 | 22800 | 0.75 | | | | |
| | 6.7 | 14500 | 214 | 56000 | 0.90 | R | 147 R87 | DV 160M4 | 510 246 |
| | 7.6 | 12900 | 189 | 63000 | 1.00 | RF | 147 R87 | DV 160M4 | 520 246 |
| | 9.1 | 10800 | 159 | 66600 | 1.20 | | | | |
| | 5.1 | 20500 | 186.93* | 120000 | 0.90 | | | | |
| | 6.3 | 16700 | 153.07 | 120000 | 1.05 | R | 167 | DV 160L6 | 730 244 |
| | 6.9 | 15300 | 139.98 | 120000 | 1.20 | RF | 167 | DV 160L6 | 740 245 |
| | 7.9 | 13300 | 121.81* | 120000 | 1.35 | | | | |
| | 6.3 | 16800 | 229.71 | 120000 | 1.05 | R | 167 | DV 160M4 | 700 244 |
| | 7.7 | 13600 | 186.93* | 120000 | 1.30 | RF | 167 | DV 160M4 | 700 245 |
| | 9.4 | 11200 | 153.07 | 120000 | 1.60 | | | | |
| | 10 | 10200 | 139.98 | 120000 | 1.75 | | | | |
| | 12 | 8890 | 121.81* | 120000 | 2.0 | R | 167 | DV 160M4 | 700 244 |
| | 13 | 7840 | 107.49 | 120000 | 2.3 | RF | 167 | DV 160M4 | 700 245 |
| | 15 | 6800 | 93.19 | 120000 | 2.7 | | | | |
| | 17 | 6050 | 82.91* | 120000 | 3.0 | | | | |
| | 6.5 | 16100 | 146.91 | 35400 | 0.80 | | | | |
| | 8.0 | 13100 | 119.86 | 62400 | 1.00 | R | 147 | DV 160L6 | 480 242 |
| | 8.8 | 12000 | 109.31 | 64600 | 1.10 | RF | 147 | DV 160L6 | 490 243 |
| | 10 | 10400 | 94.60* | 67300 | 1.25 | | | | |
| | 12 | 9130 | 83.47 | 69000 | 1.40 | | | | |





| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | | | | | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|----------------|------------|------------|----------|----------|----------------|----------------|------------|
| 11.0 | 8.8 | 11900 | 163.31 | 64700 | 1.10 | R RF | 147 147 | DV DV | 160M4 160M4 | 445 455 | 242 243 | | | | | |
| | 9.8 | 10700 | 146.91 | 66700 | 1.20 | | | | | | | | | | | |
| | 12 | 8740 | 119.86 | 69400 | 1.50 | | | | | | | | | | | |
| | 13 | 7970 | 109.31 | 70300 | 1.65 | R RF | 147 147 | DV DV | 160M4 160M4 | 445 455 | 242 243 | | | | | |
| | 15 | 6900 | 94.60* | 71400 | 1.90 | | | | | | | | | | | |
| | 17 | 6090 | 83.47 | 72100 | 2.1 | | | | | | | | | | | |
| | 20 | 5260 | 72.09 | 72800 | 2.5 | | | | | | | | | | | |
| | 22 | 4890 | 66.99 | 73000 | 2.7 | | | | | | | | | | | |
| | 24 | 4460 | 61.09 | 73300 | 2.9 | | | | | | | | | | | |
| | 27 | 3860 | 52.87 | 73600 | 3.4 | | | | | | | | | | | |
| | 10 | 10300 | 141.12* | 23300 | 0.80 | R RF | 137 137 | DV DV | 160M4 160M4 | 315 340 | 240 241 | | | | | |
| | 11 | 9350 | 128.18 | 46900 | 0.85 | | | | | | | | | | | |
| | 13 | 8300 | 113.72 | 52700 | 0.95 | | | | | | | | | | | |
| | 14 | 7530 | 103.20* | 54400 | 1.05 | | | | | | | | | | | |
| | 16 | 6470 | 88.70* | 56300 | 1.25 | | | | | | | | | | | |
| | 18 | 5900 | 80.91* | 57200 | 1.35 | | | | | | | | | | | |
| | 20 | 5360 | 73.49 | 57900 | 1.50 | | | | | | | | | | | |
| | 22 | 4760 | 65.20 | 58700 | 1.70 | | | | | | | | | | | |
| | 24 | 4320 | 59.17* | 59200 | 1.85 | | | | | | | | | | | |
| | 28 | 3710 | 50.86* | 59800 | 2.2 | | | | | | | | | | | |
| | 32 | 3240 | 44.39 | 60200 | 2.5 | | | | | | | | | | | |
| | 38 | 2750 | 37.65 | 60500 | 2.9 | | | | | | | | | | | |
| | 44 | 2400 | 32.91 | 60700 | 3.3 | | | | | | | | | | | |
| | 22 | 4790 | 65.60* | 23700 | 0.90 | R RF | 107 107 | DV DV | 160M4 160M4 | 230 235 | 238 239 | | | | | |
| | 24 | 4330 | 59.41 | 27600 | 1.00 | | | | | | | | | | | |
| | 27 | 3840 | 52.68 | 27100 | 1.10 | | | | | | | | | | | |
| | 30 | 3470 | 47.63 | 26600 | 1.25 | | | | | | | | | | | |
| | 36 | 2940 | 40.37* | 25700 | 1.45 | | | | | | | | | | | |
| | 41 | 2570 | 35.26 | 25000 | 1.65 | | | | | | | | | | | |
| | 49 | 2150 | 29.49 | 24000 | 2.0 | | | | | | | | | | | |
| | 47 | 2240 | 30.77 | 24200 | 1.90 | R RF | 107 107 | DV DV | 160M4 160M4 | 225 230 | 238 239 | | | | | |
| | 52 | 2010 | 27.58 | 23600 | 2.1 | | | | | | | | | | | |
| | 58 | 1820 | 24.90* | 23100 | 2.4 | | | | | | | | | | | |
| | 64 | 1650 | 22.62 | 22500 | 2.6 | | | | | | | | | | | |
| | 72 | 1460 | 20.07 | 21800 | 2.9 | | | | | | | | | | | |
| | 79 | 1330 | 18.21 | 21300 | 3.2 | | | | | | | | | | | |
| | 34 | 3120 | 42.78 | 14500 | 0.95 | | | | | | | R RF | 97 97 | DV DV | 160M4 160M4 | 175 190 |
| | 39 | 2710 | 37.13 | 18900 | 1.10 | | | | | | | | | | | |
| | 43 | 2430 | 33.25 | 18600 | 1.20 | | | | | | | | | | | |
| | 52 | 2010 | 27.58 | 18000 | 1.35 | | | | | | | | | | | |
| | 58 | 1830 | 25.03 | 17700 | 1.55 | R RF | 97 97 | DV DV | 160M4 160M4 | 170 190 | 236 237 | | | | | |
| | 64 | 1630 | 22.37 | 17300 | 1.65 | | | | | | | | | | | |
| | 71 | 1470 | 20.14 | 16900 | 1.80 | | | | | | | | | | | |
| | 79 | 1330 | 18.24 | 16600 | 1.90 | R RF | 97 97 | DV DV | 160M4 160M4 | 170 190 | 236 237 | | | | | |
| | 89 | 1180 | 16.17 | 16100 | 2.0 | | | | | | | | | | | |
| | 98 | 1070 | 14.62 | 15700 | 2.2 | | | | | | | | | | | |
| | 116 | 900 | 12.39 | 15100 | 2.4 | | | | | | | | | | | |
| | 133 | 790 | 10.83 | 14600 | 2.7 | | | | | | | | | | | |
| 155 | 675 | 9.29 | 14300 | 3.0 | | | | | | | | | | | | |
| 172 | 610 | 8.39 | 13900 | 3.3 | | | | | | | | | | | | |
| 202 | 520 | 7.12 | 13200 | 3.9 | | | | | | | | | | | | |
| 232 | 455 | 6.21 | 12700 | 4.2 | | | | | | | | | | | | |
| 67 | 1570 | 21.51 | 13200 | 0.95 | R RF | | | | | | | 87 87 | DV DV | 160M4 160M4 | 130 140 | 234 235 |
| 75 | 1390 | 19.10 | 13000 | 1.05 | | | | | | | | | | | | |
| 84 | 1250 | 17.08* | 12800 | 1.10 | | | | | | | | | | | | |
| 94 | 1120 | 15.35 | 12500 | 1.20 | R RF | 87 87 | DV DV | 160M4 160M4 | 130 140 | 234 235 | | | | | | |
| 108 | 970 | 13.33 | 12200 | 1.30 | | | | | | | | | | | | |
| 121 | 870 | 11.93 | 11900 | 1.40 | | | | | | | | | | | | |
| 145 | 720 | 9.90* | 11400 | 1.65 | | | | | | | | | | | | |
| 158 | 665 | 9.14* | 11500 | 1.80 | | | | | | | | | | | | |
| 175 | 600 | 8.22 | 11200 | 1.95 | | | | | | | | | | | | |
| 202 | 520 | 7.13 | 10800 | 2.1 | | | | | | | | | | | | |
| 225 | 465 | 6.39 | 10400 | 2.2 | | | | | | | | | | | | |
| 272 | 385 | 5.30* | 9910 | 2.4 | | | | | | | | | | | | |

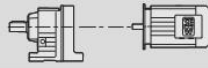



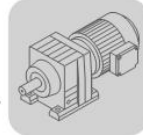
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|---------|----------------------|-----------|--|----------|-------|-------|-------------|---|
| 11.0 | 132 | 795 | 10.88 | 4250 | 0.85 | R | 77 | DV | 160M4 | 105 | 232 |
| | 149 | 705 | 9.64 | 5000 | 0.90 | RF | 77 | DV | 160M4 | 110 | 233 |
| | 186 | 565 | 7.74 | 4630 | 1.10 | | | | | | |
| | 212 | 495 | 6.79 | 5250 | 1.15 | R | 77 | DV | 160M4 | 105 | 232 |
| | 240 | 435 | 5.99* | 5720 | 1.25 | RF | 77 | DV | 160M4 | 110 | 233 |
| | 271 | 390 | 5.31* | 6090 | 1.30 | | | | | | |
| | 277 | 380 | 5.19 | 9000 | 1.85 | | | | | | |
| | 310 | 340 | 4.65 | 8770 | 2.1 | | | | | | |
| | 343 | 305 | 4.20* | 8560 | 2.7 | RX | 107 | DV | 160M4 | 170 | 216 |
| | 377 | 280 | 3.81 | 8360 | 3.0 | RXF | 107 | DV | 160M4 | 185 | 217 |
| | 425 | 245 | 3.38 | 8100 | 3.4 | | | | | | |
| | 469 | 225 | 3.07 | 7900 | 3.7 | | | | | | |
| | 545 | 193 | 2.64* | 7580 | 4.3 | | | | | | |
| | 318 | 330 | 4.52 | 7150 | 1.80 | | | | | | |
| | 356 | 295 | 4.04 | 6970 | 2.0 | | | | | | |
| | 396 | 265 | 3.64* | 6800 | 2.2 | | | | | | |
| | 437 | 240 | 3.30 | 6640 | 2.5 | | | | | | |
| | 493 | 215 | 2.92 | 6440 | 2.8 | RX | 97 | DV | 160M4 | 135 | 214 |
| | 545 | 193 | 2.64 | 6280 | 3.1 | RXF | 97 | DV | 160M4 | 145 | 215 |
| | 643 | 163 | 2.24* | 6000 | 3.6 | | | | | | |
| | 736 | 143 | 1.96 | 5790 | 4.0 | | | | | | |
| | 880 | 119 | 1.64 | 5500 | 4.2 | | | | | | |
| | 1015 | 103 | 1.42 | 5280 | 4.4 | | | | | | |
| | 414 | 255 | 3.48 | 5030 | 1.60 | | | | | | |
| | 466 | 225 | 3.09 | 4910 | 1.80 | RX | 87 | DV | 160M4 | 110 | 212 |
| | 522 | 200 | 2.76* | 4790 | 2.0 | RXF | 87 | DV | 160M4 | 115 | 213 |
| | 580 | 181 | 2.48 | 4680 | 2.2 | | | | | | |
| | 669 | 157 | 2.15 | 4530 | 2.5 | | | | | | |
| | 747 | 141 | 1.93 | 4400 | 2.5 | RX | 87 | DV | 160M4 | 110 | 212 |
| | 900 | 117 | 1.60* | 4200 | 2.7 | RXF | 87 | DV | 160M4 | 115 | 213 |
| 1035 | 102 | 1.39 | 4050 | 2.9 | | | | | | | |
| 593 | 177 | 2.43 | 1890 | 1.20 | | | | | | | |
| 676 | 155 | 2.13 | 2140 | 1.30 | RX | 77 | DV | 160M4 | 96 | 210 | |
| 766 | 137 | 1.88* | 2330 | 1.35 | RXF | 77 | DV | 160M4 | 99 | 211 | |
| 864 | 122 | 1.67 | 2460 | 1.40 | | | | | | | |
| 1010 | 104 | 1.42 | 2580 | 1.50 | | | | | | | |
| 15.0 | 6.4 | 20800 | 229 | 120000 | 0.85 | R | 167 R107 | DV | 160L4 | 900 | 246 |
| | 7.3 | 18200 | 200 | 120000 | 1.00 | RF | 167 R107 | DV | 160L4 | 910 | 246 |
| | 8.6 | 15300 | 169 | 120000 | 1.20 | | | | | | |
| | 6.4 | 20900 | 227 | 120000 | 0.85 | R | 167 R107 | DV | 160L4 | 900 | 246 |
| | 7.4 | 18200 | 198 | 120000 | 1.00 | RF | 167 R107 | DV | 160L4 | 900 | 246 |
| | 6.3 | 22600 | 153.07 | 120000 | 0.80 | | | | | | |
| | 6.9 | 20700 | 139.98 | 120000 | 0.85 | R | 167 | DV | 180L6 | 770 | 244 |
| | 8.0 | 18000 | 121.81* | 120000 | 1.00 | RF | 167 | DV | 180L6 | 770 | 245 |
| | 9.0 | 15900 | 107.49 | 120000 | 1.15 | | | | | | |
| | 6.4 | 22500 | 229.71 | 120000 | 0.80 | R | 167 | DV | 160L4 | 730 | 244 |
| | 7.8 | 18300 | 186.93* | 120000 | 1.00 | RF | 167 | DV | 160L4 | 740 | 245 |
| | 9.5 | 15000 | 153.07 | 120000 | 1.20 | | | | | | |
| | 10 | 13700 | 139.98 | 120000 | 1.30 | | | | | | |
| | 12 | 12000 | 121.81* | 120000 | 1.50 | | | | | | |
| | 14 | 10500 | 107.49 | 120000 | 1.70 | R | 167 | DV | 160L4 | 730 | 244 |
| | 16 | 9140 | 93.19 | 120000 | 1.95 | RF | 167 | DV | 160L4 | 740 | 245 |
| | 18 | 8130 | 82.91* | 120000 | 2.2 | | | | | | |
| | 20 | 7230 | 73.70* | 120000 | 2.5 | | | | | | |
| | 22 | 6610 | 67.40 | 120000 | 2.7 | | | | | | |
| | 8.9 | 16100 | 109.31 | 34400 | 0.80 | | | | | | |
| | 10 | 14000 | 94.60* | 60600 | 0.95 | | | | | | |
| | 12 | 12300 | 83.47 | 64000 | 1.05 | R | 147 | DV | 180L6 | 520 | 242 |
| | 13 | 10600 | 72.09 | 66800 | 1.20 | RF | 147 | DV | 180L6 | 530 | 243 |
| | 14 | 9890 | 66.99 | 67900 | 1.30 | | | | | | |

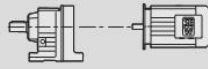



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|
| 15.0 | 8.9 | 16000 | 163.31 | 36200 | 0.80 | | | |
| | 9.9 | 14400 | 146.91 | 57400 | 0.90 | R | 147 | DV 160L4 480 242 |
| | 12 | 11800 | 119.86 | 65000 | 1.10 | RF | 147 | DV 160L4 490 243 |
| | 13 | 10700 | 109.31 | 66700 | 1.20 | | | |
| | 15 | 9280 | 94.60* | 68800 | 1.40 | | | |
| | 17 | 8190 | 83.47 | 70100 | 1.60 | | | |
| | 20 | 7070 | 72.09 | 71300 | 1.85 | | | |
| | 22 | 6570 | 66.99 | 71700 | 2.0 | R | 147 | DV 160L4 480 242 |
| | 24 | 5990 | 61.09 | 72200 | 2.2 | RF | 147 | DV 160L4 490 243 |
| | 28 | 5190 | 52.87 | 72800 | 2.5 | | | |
| 31 | 4580 | 46.65 | 73200 | 2.8 | | | | |
| | 14 | 10100 | 103.20* | 30700 | 0.80 | | | |
| | 16 | 8700 | 88.70* | 51000 | 0.90 | R | 137 | DV 160L4 355 240 |
| | 18 | 7940 | 80.91* | 53500 | 1.00 | RF | 137 | DV 160L4 380 241 |
| | 20 | 7210 | 73.49 | 55000 | 1.10 | | | |
| | 22 | 6400 | 65.20 | 56400 | 1.25 | | | |
| | 25 | 5800 | 59.17* | 57300 | 1.40 | | | |
| | 29 | 4990 | 50.86* | 58400 | 1.60 | | | |
| | 33 | 4360 | 44.39 | 59100 | 1.85 | R | 137 | DV 160L4 355 240 |
| | 39 | 3690 | 37.65 | 59800 | 2.2 | RF | 137 | DV 160L4 380 241 |
| | 44 | 3230 | 32.91 | 60200 | 2.5 | | | |
| | 52 | 2730 | 27.83 | 60500 | 2.8 | | | |
| | 31 | 4670 | 47.63 | 24500 | 0.90 | | | |
| | 36 | 3960 | 40.37* | 23900 | 1.10 | R | 107 | DV 160L4 270 238 |
| | 41 | 3460 | 35.26 | 23400 | 1.25 | RF | 107 | DV 160L4 275 239 |
| | 50 | 2890 | 29.49 | 22600 | 1.50 | | | |
| | 47 | 3020 | 30.77 | 22800 | 1.40 | | | |
| | 53 | 2710 | 27.58 | 22400 | 1.60 | | | |
| | 59 | 2440 | 24.90* | 21900 | 1.75 | | | |
| | 65 | 2220 | 22.62 | 21400 | 1.95 | R | 107 | DV 160L4 265 238 |
| | 73 | 1970 | 20.07 | 20900 | 2.2 | RF | 107 | DV 160L4 270 239 |
| | 80 | 1790 | 18.21 | 20400 | 2.4 | | | |
| | 93 | 1540 | 15.65 | 19700 | 2.8 | | | |
| | 107 | 1340 | 13.66 | 19000 | 3.2 | | | |
| | 53 | 2710 | 27.58 | 16500 | 1.00 | R | 97 | DV 160L4 215 236 |
| | | | | | | RF | 97 | DV 160L4 230 237 |
| | 58 | 2460 | 25.03 | 16300 | 1.15 | | | |
| | 65 | 2200 | 22.37 | 16100 | 1.25 | | | |
| | 72 | 1980 | 20.14 | 15800 | 1.30 | | | |
| | 80 | 1790 | 18.24 | 15600 | 1.40 | | | |
| | 90 | 1590 | 16.17 | 15200 | 1.50 | | | |
| | 100 | 1430 | 14.62 | 14900 | 1.60 | R | 97 | DV 160L4 210 236 |
| | 118 | 1220 | 12.39 | 14400 | 1.80 | RF | 97 | DV 160L4 230 237 |
| | 135 | 1060 | 10.83 | 14000 | 1.95 | | | |
| | 157 | 910 | 9.29 | 13800 | 2.2 | | | |
| | 174 | 820 | 8.39 | 13400 | 2.5 | | | |
| | 205 | 700 | 7.12 | 12800 | 2.9 | | | |
| | 235 | 610 | 6.21 | 12400 | 3.1 | | | |
| | 85 | 1680 | 17.08* | 11600 | 0.85 | | | |
| | 95 | 1510 | 15.35 | 11500 | 0.90 | R | 87 | DV 160L4 170 234 |
| | 110 | 1310 | 13.33 | 11300 | 1.00 | RF | 87 | DV 160L4 175 235 |
| | 122 | 1170 | 11.93 | 11100 | 1.05 | | | |
| | 147 | 970 | 9.90* | 10700 | 1.20 | | | |
| | 160 | 900 | 9.14* | 11000 | 1.35 | | | |
| | 178 | 810 | 8.22 | 10700 | 1.45 | R | 87 | DV 160L4 170 234 |
| | 205 | 700 | 7.13 | 10300 | 1.55 | RF | 87 | DV 160L4 175 235 |
| | 229 | 625 | 6.39 | 10100 | 1.65 | | | |
| | 275 | 520 | 5.30* | 9600 | 1.75 | | | |

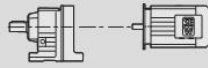



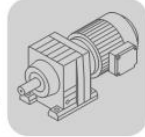
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|----------|-----|-----|
| 15.0 | 281 | 510 | 5.19 | 8440 | 1.35 | | | | | | |
| | 314 | 455 | 4.65 | 8260 | 1.50 | RX | 107 | DV 160L4 | 210 | 216 | |
| | 348 | 410 | 4.20* | 8100 | 2.0 | RXF | 107 | DV 160L4 | 225 | 217 | |
| | 383 | 375 | 3.81 | 7930 | 2.2 | | | | | | |
| | 431 | 330 | 3.38 | 7720 | 2.5 | | | | | | |
| | 475 | 300 | 3.07 | 7540 | 2.8 | | | | | | |
| | 553 | 260 | 2.64* | 7260 | 3.2 | | | | | | |
| | 634 | 225 | 2.30 | 7010 | 3.7 | RX | 107 | DV 160L4 | 210 | 216 | |
| | 747 | 192 | 1.95 | 6710 | 4.0 | RXF | 107 | DV 160L4 | 225 | 217 | |
| | 855 | 168 | 1.71 | 6470 | 4.2 | | | | | | |
| | 1010 | 142 | 1.44 | 6170 | 4.6 | | | | | | |
| | 323 | 445 | 4.52 | 6660 | 1.35 | | | | | | |
| | 361 | 395 | 4.04 | 6530 | 1.50 | | | | | | |
| | 401 | 355 | 3.64* | 6400 | 1.65 | | | | | | |
| | 443 | 325 | 3.30 | 6270 | 1.85 | | | | | | |
| | 499 | 285 | 2.92 | 6110 | 2.1 | RX | 97 | DV 160L4 | 180 | 214 | |
| | 552 | 260 | 2.64 | 5970 | 2.3 | RXF | 97 | DV 160L4 | 185 | 215 | |
| | 652 | 220 | 2.24* | 5730 | 2.7 | | | | | | |
| | 746 | 192 | 1.96 | 5550 | 3.0 | | | | | | |
| | 892 | 161 | 1.64 | 5290 | 3.2 | | | | | | |
| | 1030 | 139 | 1.42 | 5090 | 3.3 | | | | | | |
| | 420 | 340 | 3.48 | 4260 | 1.20 | | | | | | |
| | 473 | 305 | 3.09 | 4510 | 1.35 | | | | | | |
| | 529 | 270 | 2.76* | 4430 | 1.50 | RX | 87 | DV 160L4 | 150 | 212 | |
| | 588 | 245 | 2.48 | 4350 | 1.65 | RXF | 87 | DV 160L4 | 155 | 213 | |
| | 678 | 210 | 2.15 | 4230 | 1.80 | | | | | | |
| | 757 | 189 | 1.93 | 4130 | 1.90 | RX | 87 | DV 160L4 | 150 | 212 | |
| | 913 | 157 | 1.60* | 3960 | 2.0 | RXF | 87 | DV 160L4 | 155 | 213 | |
| | 1050 | 137 | 1.39 | 3840 | 2.1 | | | | | | |
| | 18.5 | 7.8 | 22500 | 186.93* | 120000 | 0.80 | | | | | |
| | | 9.6 | 18500 | 153.07 | 120000 | 1.00 | R | 167 | DV 180M4 | 750 | 244 |
| | | 10 | 16900 | 139.98 | 120000 | 1.05 | RF | 167 | DV 180M4 | 760 | 245 |
| | | 12 | 14700 | 121.81* | 120000 | 1.25 | | | | | |
| | | 14 | 13000 | 107.49 | 120000 | 1.40 | | | | | |
| | | 16 | 11200 | 93.19 | 120000 | 1.60 | | | | | |
| | | 18 | 10000 | 82.91* | 120000 | 1.80 | R | 167 | DV 180M4 | 750 | 244 |
| | | 20 | 8890 | 73.70* | 120000 | 2.0 | RF | 167 | DV 180M4 | 760 | 245 |
| | | 22 | 8130 | 67.40 | 120000 | 2.2 | | | | | |
| | | 25 | 7070 | 58.65 | 120000 | 2.6 | | | | | |
| | | 12 | 14500 | 119.86 | 56900 | 0.90 | R | 147 | DV 180M4 | 500 | 242 |
| | | 13 | 13200 | 109.31 | 62300 | 1.00 | RF | 147 | DV 180M4 | 510 | 243 |
| | | 15 | 11400 | 94.60* | 65600 | 1.15 | | | | | |
| | | 18 | 10100 | 83.47 | 67700 | 1.30 | | | | | |
| | | 20 | 8690 | 72.09 | 69500 | 1.50 | | | | | |
| | | 22 | 8080 | 66.99 | 70200 | 1.60 | | | | | |
| | | 24 | 7370 | 61.09 | 71000 | 1.75 | R | 147 | DV 180M4 | 500 | 242 |
| | | 28 | 6380 | 52.87 | 71900 | 2.0 | RF | 147 | DV 180M4 | 510 | 243 |
| | | 31 | 5630 | 46.65 | 72500 | 2.3 | | | | | |
| 36 | | 4860 | 40.29 | 73000 | 2.7 | | | | | | |
| 18 | | 9760 | 80.91* | 39000 | 0.80 | | | | | | |
| 20 | | 8860 | 73.49 | 50200 | 0.90 | R | 137 | DV 180M4 | 375 | 240 | |
| 22 | | 7860 | 65.20 | 53700 | 1.00 | RF | 137 | DV 180M4 | 400 | 241 | |
| 25 | | 7140 | 59.17* | 55100 | 1.10 | | | | | | |
| 29 | | 6130 | 50.86* | 56800 | 1.30 | | | | | | |
| 33 | | 5350 | 44.39 | 58000 | 1.50 | R | 137 | DV 180M4 | 375 | 240 | |
| 39 | | 4540 | 37.65 | 58900 | 1.75 | RF | 137 | DV 180M4 | 400 | 241 | |
| 45 | | 3970 | 32.91 | 59500 | 2.0 | | | | | | |
| 53 | | 3360 | 27.83 | 60100 | 2.3 | | | | | | |
| 50 | | 3570 | 29.57* | 59900 | 2.2 | | | | | | |
| 61 | | 2910 | 24.12 | 60400 | 2.8 | R | 137 | DV 180M4 | 365 | 240 | |
| 67 | | 2650 | 22.00* | 60600 | 3.0 | RF | 137 | DV 180M4 | 390 | 241 | |
| 77 | | 2300 | 19.04* | 60800 | 3.5 | | | | | | |
| 87 | | 2030 | 16.80* | 60900 | 4.0 | | | | | | |
| 36 | | 4870 | 40.37* | 20200 | 0.90 | R | 107 | DV 180M4 | 295 | 238 | |
| 42 | | 4250 | 35.26 | 22000 | 1.00 | RF | 107 | DV 180M4 | 300 | 239 | |
| 50 | | 3560 | 29.49 | 21500 | 1.20 | | | | | | |

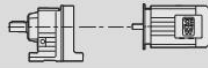



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | | |
|---------------|------------------|---------------|---------|----------------------|-----------|--|-------------|---|-------|-----|-----|
| 18.5 | 59 | 3000 | 24.90* | 20900 | 1.45 | | | | | | |
| | 65 | 2730 | 22.62 | 20600 | 1.60 | | | | | | |
| | 73 | 2420 | 20.07 | 20100 | 1.80 | | | | | | |
| | 80 | 2200 | 18.21 | 19700 | 1.95 | | | | | | |
| | 94 | 1890 | 15.65 | 19100 | 2.3 | R | 107 | DV | 180M4 | 285 | 238 |
| | 107 | 1650 | 13.66 | 18500 | 2.6 | RF | 107 | DV | 180M4 | 290 | 239 |
| | 126 | 1400 | 11.59 | 17800 | 3.1 | | | | | | |
| | 145 | 1220 | 10.13 | 17200 | 3.5 | | | | | | |
| | 186 | 950 | 7.86 | 16300 | 3.1 | | | | | | |
| | 220 | 800 | 6.66 | 15600 | 3.7 | | | | | | |
| | 73 | 2430 | 20.14 | 14900 | 1.05 | | | | | | |
| | 80 | 2200 | 18.24 | 14700 | 1.15 | | | | | | |
| | 91 | 1950 | 16.17 | 14500 | 1.25 | | | | | | |
| | 100 | 1760 | 14.62 | 14200 | 1.30 | | | | | | |
| | 118 | 1490 | 12.39 | 13800 | 1.45 | | | | | | |
| | 135 | 1310 | 10.83 | 13500 | 1.60 | R | 97 | DV | 180M4 | 235 | 236 |
| | 158 | 1120 | 9.29 | 13400 | 1.80 | RF | 97 | DV | 180M4 | 250 | 237 |
| | 175 | 1010 | 8.39 | 13100 | 2.0 | | | | | | |
| | 206 | 860 | 7.12 | 12600 | 2.3 | | | | | | |
| | 236 | 750 | 6.21 | 12100 | 2.5 | | | | | | |
| | 282 | 625 | 5.20 | 11600 | 2.8 | | | | | | |
| | 326 | 545 | 4.50* | 11100 | 3.0 | | | | | | |
| | 110 | 1610 | 13.33 | 10600 | 0.80 | | | | | | |
| | 123 | 1440 | 11.93 | 10400 | 0.85 | | | | | | |
| | 148 | 1190 | 9.90* | 10200 | 1.00 | | | | | | |
| | 160 | 1100 | 9.14* | 10600 | 1.10 | R | 87 | DV | 180M4 | 190 | 234 |
| | 178 | 990 | 8.22 | 10300 | 1.15 | RF | 87 | DV | 180M4 | 200 | 235 |
| | 205 | 860 | 7.13 | 10000 | 1.25 | | | | | | |
| | 229 | 770 | 6.39 | 9770 | 1.30 | | | | | | |
| | 276 | 640 | 5.30* | 9350 | 1.40 | | | | | | |
| | 349 | 505 | 4.20* | 7710 | 1.65 | | | | | | |
| | 384 | 460 | 3.81 | 7580 | 1.80 | RX | 107 | DV | 180M4 | 230 | 216 |
| | 433 | 410 | 3.38 | 7400 | 2.0 | RXF | 107 | DV | 180M4 | 250 | 217 |
| | 477 | 370 | 3.07 | 7250 | 2.2 | | | | | | |
| | 555 | 320 | 2.64* | 7010 | 2.6 | | | | | | |
| | 636 | 280 | 2.30 | 6780 | 3.0 | RX | 107 | DV | 180M4 | 230 | 216 |
| | 750 | 235 | 1.95 | 6510 | 3.3 | RXF | 107 | DV | 180M4 | 250 | 217 |
| | 858 | 205 | 1.71 | 6290 | 3.4 | | | | | | |
| | 1015 | 174 | 1.44 | 6020 | 3.7 | | | | | | |
| | 402 | 440 | 3.64* | 6060 | 1.35 | | | | | | |
| | 444 | 400 | 3.30 | 5960 | 1.50 | | | | | | |
| | 501 | 355 | 2.92 | 5830 | 1.70 | | | | | | |
| | 554 | 320 | 2.64 | 5710 | 1.85 | RX | 97 | DV | 180M4 | 200 | 214 |
| | 654 | 270 | 2.24* | 5510 | 2.2 | RXF | 97 | DV | 180M4 | 210 | 215 |
| | 749 | 235 | 1.96 | 5350 | 2.4 | | | | | | |
| | 895 | 197 | 1.64 | 5120 | 2.6 | | | | | | |
| | 1035 | 171 | 1.42 | 4940 | 2.7 | | | | | | |
| | 531 | 335 | 2.76* | 3040 | 1.20 | | | | | | |
| | 590 | 300 | 2.48 | 3340 | 1.35 | | | | | | |
| | 680 | 260 | 2.15 | 3630 | 1.50 | RX | 87 | DV | 180M4 | 175 | 212 |
| 760 | 235 | 1.93 | 3820 | 1.55 | RXF | 87 | DV | 180M4 | 180 | 213 | |
| 916 | 193 | 1.60* | 3770 | 1.65 | | | | | | | |
| 1055 | 168 | 1.39 | 3670 | 1.75 | | | | | | | |
| 22 | 9.6 | 22000 | 153.07 | 120000 | 0.80 | R | 167 | DV | 180L4 | 770 | 244 |
| | 10 | 20100 | 139.98 | 120000 | 0.90 | RF | 167 | DV | 180L4 | 770 | 245 |
| | 12 | 17500 | 121.81* | 120000 | 1.05 | | | | | | |
| | 14 | 15400 | 107.49 | 120000 | 1.15 | | | | | | |
| | 16 | 13400 | 93.19 | 120000 | 1.35 | | | | | | |
| | 18 | 11900 | 82.91* | 120000 | 1.50 | | | | | | |
| | 20 | 10600 | 73.70* | 120000 | 1.70 | R | 167 | DV | 180L4 | 770 | 244 |
| | 22 | 9670 | 67.40 | 120000 | 1.85 | RF | 167 | DV | 180L4 | 770 | 245 |
| | 25 | 8410 | 58.65 | 120000 | 2.1 | | | | | | |
| | 28 | 7420 | 51.76 | 120000 | 2.4 | | | | | | |
| 33 | 6430 | 44.87 | 120000 | 2.8 | | | | | | | |

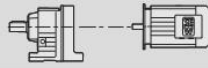

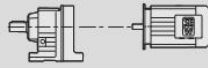
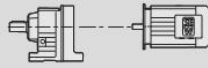
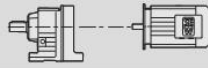
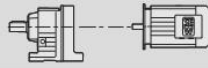
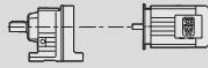
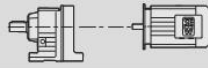
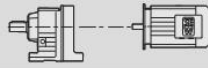
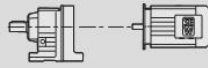
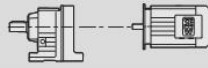
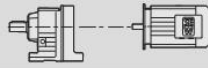
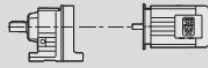
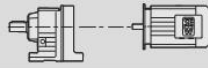
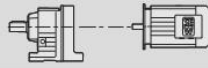
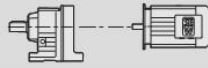
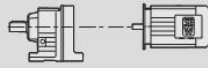
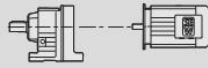
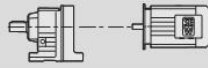
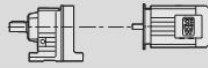
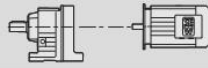
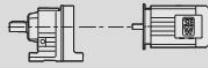
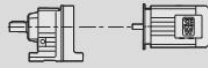


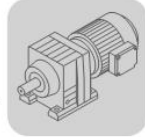
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|-----|-----|
| 22 | 13 | 15700 | 109.31 | 41300 | 0.85 | | | | | |
| | 15 | 13600 | 94.60* | 61500 | 0.95 | R | 147 | DV 180L4 | 520 | 242 |
| | 18 | 12000 | 83.47 | 64600 | 1.10 | RF | 147 | DV 180L4 | 530 | 243 |
| | 20 | 10300 | 72.09 | 67300 | 1.25 | | | | | |
| | 22 | 9610 | 66.99 | 68300 | 1.35 | | | | | |
| | 24 | 8760 | 61.09 | 69400 | 1.50 | | | | | |
| | 28 | 7580 | 52.87 | 70800 | 1.70 | R | 147 | DV 180L4 | 520 | 242 |
| | 31 | 6690 | 46.65 | 71600 | 1.95 | RF | 147 | DV 180L4 | 530 | 243 |
| | 36 | 5780 | 40.29 | 72400 | 2.3 | | | | | |
| | 41 | 5110 | 35.64 | 72900 | 2.5 | | | | | |
| 49 | 4300 | 29.95 | 73400 | 3.0 | | | | | | |
| 22 | 9350 | 65.20 | 46900 | 0.85 | | | | | | |
| 25 | 8480 | 59.17* | 51900 | 0.95 | R | 137 | DV 180L4 | 390 | 240 | |
| 29 | 7290 | 50.86* | 54800 | 1.10 | RF | 137 | DV 180L4 | 415 | 241 | |
| 33 | 6370 | 44.39 | 56500 | 1.25 | | | | | | |
| 39 | 5400 | 37.65 | 57900 | 1.50 | R | 137 | DV 180L4 | 390 | 240 | |
| 45 | 4720 | 32.91 | 58700 | 1.70 | RF | 137 | DV 180L4 | 415 | 241 | |
| 53 | 3990 | 27.83 | 59500 | 1.90 | | | | | | |
| 50 | 4240 | 29.57* | 59300 | 1.85 | | | | | | |
| 61 | 3460 | 24.12 | 60000 | 2.3 | R | 137 | DV 180L4 | 380 | 240 | |
| 67 | 3150 | 22.00* | 60200 | 2.5 | RF | 137 | DV 180L4 | 405 | 241 | |
| 77 | 2730 | 19.04* | 60500 | 2.9 | | | | | | |
| 87 | 2410 | 16.80* | 60700 | 3.3 | R | 137 | DV 180L4 | 380 | 240 | |
| 101 | 2080 | 14.51 | 60900 | 3.9 | RF | 137 | DV 180L4 | 405 | 241 | |
| 114 | 1840 | 12.83 | 61000 | 4.4 | | | | | | |
| 42 | 5060 | 35.26 | 7280 | 0.85 | R | 107 | DV 180L4 | 305 | 238 | |
| 50 | 4230 | 29.49 | 20400 | 1.00 | RF | 107 | DV 180L4 | 315 | 239 | |
| 59 | 3570 | 24.90* | 20000 | 1.20 | R | 107 | DV 180L4 | 300 | 238 | |
| 65 | 3240 | 22.62 | 19700 | 1.35 | RF | 107 | DV 180L4 | 305 | 239 | |
| 73 | 2880 | 20.07 | 19300 | 1.50 | | | | | | |
| 80 | 2610 | 18.21 | 19000 | 1.65 | | | | | | |
| 94 | 2240 | 15.65 | 18500 | 1.90 | | | | | | |
| 107 | 1960 | 13.66 | 18000 | 2.2 | | | | | | |
| 126 | 1660 | 11.59 | 17300 | 2.6 | R | 107 | DV 180L4 | 300 | 238 | |
| 145 | 1450 | 10.13 | 16800 | 3.0 | RF | 107 | DV 180L4 | 305 | 239 | |
| 171 | 1230 | 8.56 | 16100 | 3.5 | | | | | | |
| 186 | 1130 | 7.86 | 16100 | 2.6 | | | | | | |
| 220 | 960 | 6.66 | 15400 | 3.1 | | | | | | |
| 252 | 840 | 5.82 | 14800 | 3.6 | | | | | | |
| 73 | 2890 | 20.14 | 14000 | 0.90 | | | | | | |
| 80 | 2620 | 18.24 | 13900 | 0.95 | R | 97 | DV 180L4 | 245 | 236 | |
| 91 | 2320 | 16.17 | 13700 | 1.05 | RF | 97 | DV 180L4 | 265 | 237 | |
| 100 | 2100 | 14.62 | 13600 | 1.10 | | | | | | |
| 118 | 1780 | 12.39 | 13200 | 1.25 | | | | | | |
| 135 | 1550 | 10.83 | 13000 | 1.35 | | | | | | |
| 158 | 1330 | 9.29 | 13100 | 1.50 | | | | | | |
| 175 | 1200 | 8.39 | 12800 | 1.70 | R | 97 | DV 180L4 | 245 | 236 | |
| 206 | 1020 | 7.12 | 12300 | 1.95 | RF | 97 | DV 180L4 | 265 | 237 | |
| 236 | 890 | 6.21 | 11900 | 2.1 | | | | | | |
| 282 | 745 | 5.20 | 11400 | 2.4 | | | | | | |
| 326 | 645 | 4.50* | 10900 | 2.5 | | | | | | |
| 148 | 1420 | 9.90* | 9640 | 0.85 | | | | | | |
| 160 | 1310 | 9.14* | 10100 | 0.90 | | | | | | |
| 178 | 1180 | 8.22 | 9960 | 1.00 | R | 87 | DV 180L4 | 205 | 234 | |
| 205 | 1020 | 7.13 | 9700 | 1.05 | RF | 87 | DV 180L4 | 215 | 235 | |
| 229 | 920 | 6.39 | 9490 | 1.10 | | | | | | |
| 276 | 760 | 5.30* | 9110 | 1.20 | | | | | | |
| 349 | 600 | 4.20* | 7330 | 1.40 | | | | | | |
| 384 | 545 | 3.81 | 7230 | 1.50 | | | | | | |
| 433 | 485 | 3.38 | 7090 | 1.70 | RX | 107 | DV 180L4 | 245 | 216 | |
| 477 | 440 | 3.07 | 6960 | 1.90 | RXF | 107 | DV 180L4 | 260 | 217 | |
| 555 | 380 | 2.64* | 6760 | 2.2 | | | | | | |
| 636 | 330 | 2.30 | 6560 | 2.5 | | | | | | |
| 750 | 280 | 1.95 | 6320 | 2.7 | RX | 107 | DV 180L4 | 245 | 216 | |
| 858 | 245 | 1.71 | 6120 | 2.9 | RXF | 107 | DV 180L4 | 260 | 217 | |
| 1015 | 205 | 1.44 | 5870 | 3.1 | | | | | | |

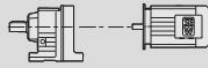



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-----|-------|-------|-------------|---|
| 22 | 402 | 520 | 3.64* | 5720 | 1.15 | | | | | | |
| | 444 | 475 | 3.30 | 5650 | 1.25 | | | | | | |
| | 501 | 420 | 2.92 | 5560 | 1.40 | | | | | | |
| | 554 | 380 | 2.64 | 5460 | 1.55 | RX | 97 | DV | 180L4 | 215 | 214 |
| | 654 | 320 | 2.24* | 5300 | 1.85 | RXF | 97 | DV | 180L4 | 220 | 215 |
| | 749 | 280 | 1.96 | 5160 | 2.0 | | | | | | |
| | 895 | 235 | 1.64 | 4960 | 2.2 | | | | | | |
| | 1035 | 205 | 1.42 | 4790 | 2.2 | | | | | | |
| | 531 | 395 | 2.76* | 1270 | 1.00 | | | | | | |
| | 590 | 355 | 2.48 | 1710 | 1.15 | | | | | | |
| | 680 | 310 | 2.15 | 2160 | 1.25 | RX | 87 | DV | 180L4 | 190 | 212 |
| | 760 | 275 | 1.93 | 2450 | 1.30 | RXF | 87 | DV | 180L4 | 195 | 213 |
| | 916 | 230 | 1.60* | 2750 | 1.35 | | | | | | |
| | 1055 | 200 | 1.39 | 3030 | 1.45 | | | | | | |
| 30 | 14 | 20900 | 107.49 | 120000 | 0.85 | R | 167 | DV | 200L4 | 850 | 244 |
| | 16 | 18200 | 93.19 | 120000 | 1.00 | RF | 167 | DV | 200L4 | 860 | 245 |
| | 18 | 16200 | 82.91* | 120000 | 1.10 | | | | | | |
| | 20 | 14400 | 73.70* | 120000 | 1.25 | | | | | | |
| | 22 | 13100 | 67.40 | 120000 | 1.35 | | | | | | |
| | 25 | 11400 | 58.65 | 120000 | 1.55 | | | | | | |
| | 28 | 10100 | 51.76 | 120000 | 1.80 | | | | | | |
| | 33 | 8740 | 44.87 | 120000 | 2.1 | R | 167 | DV | 200L4 | 850 | 244 |
| | 37 | 7780 | 39.92 | 120000 | 2.3 | RF | 167 | DV | 200L4 | 860 | 245 |
| | 43 | 6710 | 34.41 | 120000 | 2.7 | | | | | | |
| | 53 | 5450 | 27.96 | 120000 | 3.3 | | | | | | |
| | 62 | 4620 | 23.71 | 120000 | 3.9 | | | | | | |
| | 18 | 16300 | 83.47 | 32400 | 0.80 | | | | | | |
| | 20 | 14000 | 72.09 | 60400 | 0.95 | R | 147 | DV | 200L4 | 600 | 242 |
| | 22 | 13100 | 66.99 | 62500 | 1.00 | RF | 147 | DV | 200L4 | 610 | 243 |
| | 24 | 11900 | 61.09 | 64700 | 1.10 | | | | | | |
| | 28 | 10300 | 52.87 | 67300 | 1.25 | | | | | | |
| | 32 | 9090 | 46.65 | 69000 | 1.45 | | | | | | |
| | 36 | 7850 | 40.29 | 70500 | 1.65 | R | 147 | DV | 200L4 | 600 | 242 |
| | 41 | 6950 | 35.64 | 71400 | 1.85 | RF | 147 | DV | 200L4 | 610 | 243 |
| | 49 | 5840 | 29.95 | 72300 | 2.2 | | | | | | |
| | 61 | 4710 | 24.19 | 73100 | 2.5 | | | | | | |
| | 72 | 3980 | 20.44 | 73600 | 3.0 | | | | | | |
| | 82 | 3510 | 18.04 | 73800 | 3.0 | R | 147 | DV | 200L4 | 590 | 242 |
| | 94 | 3050 | 15.64 | 74000 | 4.3 | RF | 147 | DV | 200L4 | 600 | 243 |
| | 29 | 9910 | 50.86* | 35800 | 0.80 | | | | | | |
| | 33 | 8650 | 44.39 | 51200 | 0.90 | | | | | | |
| | 39 | 7340 | 37.65 | 54700 | 1.10 | R | 137 | DV | 200L4 | 475 | 240 |
| | 45 | 6410 | 32.91 | 56400 | 1.25 | RF | 137 | DV | 200L4 | 500 | 241 |
| | 53 | 5420 | 27.83 | 57900 | 1.40 | | | | | | |
| 61 | 4700 | 24.12 | 58800 | 1.70 | | | | | | | |
| 67 | 4290 | 22.00* | 59200 | 1.85 | R | 137 | DV | 200L4 | 465 | 240 | |
| 77 | 3710 | 19.04* | 59800 | 2.2 | RF | 137 | DV | 200L4 | 490 | 241 | |
| 88 | 3270 | 16.80* | 60100 | 2.4 | | | | | | | |
| 101 | 2830 | 14.51 | 59500 | 2.8 | | | | | | | |
| 115 | 2500 | 12.83 | 58400 | 3.2 | R | 137 | DV | 200L4 | 465 | 240 | |
| 136 | 2100 | 10.79 | 56600 | 3.8 | RF | 137 | DV | 200L4 | 490 | 241 | |
| 194 | 1480 | 7.59 | 53300 | 3.5 | | | | | | | |
| 230 | 1240 | 6.38 | 51300 | 4.1 | | | | | | | |
| 73 | 3910 | 20.07 | 17600 | 1.10 | | | | | | | |
| 81 | 3550 | 18.21 | 17400 | 1.20 | | | | | | | |
| 94 | 3050 | 15.65 | 17100 | 1.40 | | | | | | | |
| 108 | 2660 | 13.66 | 16800 | 1.60 | | | | | | | |
| 127 | 2260 | 11.59 | 16300 | 1.90 | | | | | | | |
| 145 | 1970 | 10.13 | 15900 | 2.2 | R | 107 | DV | 200L4 | 385 | 238 | |
| 172 | 1670 | 8.56 | 15400 | 2.6 | RF | 107 | DV | 200L4 | 390 | 239 | |
| 187 | 1530 | 7.86 | 15500 | 1.95 | | | | | | | |
| 221 | 1300 | 6.66 | 14900 | 2.3 | | | | | | | |
| 252 | 1140 | 5.82 | 14400 | 2.6 | | | | | | | |
| 299 | 960 | 4.92 | 13700 | 3.0 | | | | | | | |





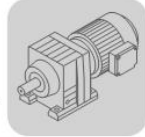
| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|------------------|---------------|--------|----------------------|--|--|-----|-------|-------|-------------|---|--|--|-----|-------|-------|-------|-----|--|--|-----|-------|-------|-------|-----|--|--|-----|-------|-------|-------|-----|--|--|-----|-------|-------|-------|-----|--|--|-----|-------|-------|-------|-----|--|--|-----|-------|-------|-------|-----|-----|
| 30 | 101 | 2850 | 14.62 | 12000 | 0.80 |  | R | 97 | DV | 200L4 | 330 | 236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 119 | 2420 | 12.39 | 11900 | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 136 | 2110 | 10.83 | 11800 | 1.00 | | | | | | | | RF | 97 | DV | 200L4 | 345 | 237 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 158 | 1810 | 9.29 | 12300 | 1.10 | | | | | | | |  | R | 97 | DV | 200L4 | 330 | 236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 175 | 1640 | 8.39 | 12100 | 1.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 207 | 1390 | 7.12 | 11700 | 1.45 | | | | | | | | | | | | | | | RF | 97 | DV | 200L4 | 345 | 237 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 237 | 1210 | 6.21 | 11400 | 1.55 | | | | | | | | | | | | | | |  | R | 97 | DV | 200L4 | 295 | 214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 283 | 1010 | 5.20 | 10900 | 1.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 327 | 880 | 4.50* | 10500 | 1.85 | | | | | | | | | | | | | | | | | | | | | | RF | 97 | DV | 200L4 | 305 | 215 | | | | | | | | | | | | | | | | | | | | | | |
| | 434 | 660 | 3.38 | 6370 | 1.25 | | | | | | | | | | | | | | | | | | | | | |  | RX | 107 | DV | 200L4 | 330 | 216 | | | | | | | | | | | | | | | | | | | | | |
| | 479 | 600 | 3.07 | 6310 | 1.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 557 | 515 | 2.64* | 6180 | 1.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RXF | 107 | DV | 200L4 | 345 | 217 | | | | | | | | | | | | | | | |
| | 638 | 450 | 2.30 | 6050 | 1.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 97 | DV | 200L4 | 295 | 214 | | | | | | | | | | | | | | |
| | 752 | 380 | 1.95 | 5870 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 860 | 335 | 1.71 | 5720 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RXF | 97 | DV | 200L4 | 305 | 215 | | | | | | | | |
| | 1020 | 280 | 1.44 | 5520 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 97 | DV | 200L4 | 890 | 244 | | | | | | | |
| | 503 | 570 | 2.92 | 3120 | 1.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 556 | 515 | 2.64 | 3560 | 1.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 97 | DV | 200L4 | 900 | 245 | |
| | 656 | 435 | 2.24* | 4050 | 1.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 167 | DV | 225S4 | 650 | 242 |
| | 751 | 380 | 1.96 | 4450 | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 898 | 320 | 1.64 | 4580 | 1.60 | RXF | 97 | DV | 200L4 | 660 | 243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1040 | 275 | 1.42 | 4450 | 1.65 |  | R | 167 | DV | 225S4 | 890 | 244 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 22400 | 93.19 | 120000 | 0.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 19900 | 82.91* | 120000 | 0.90 | | | | | | | | RF | 167 | DV | 225S4 | 900 | 245 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 17700 | 73.70* | 120000 | 1.00 | | | | | | | |  | R | 167 | DV | 225S4 | 650 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 16200 | 67.40 | 120000 | 1.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 14100 | 58.65 | 120000 | 1.30 | | | | | | | | | | | | | | | RF | 167 | DV | 225S4 | 660 | 243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 12400 | 51.76 | 120000 | 1.45 | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 640 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 10800 | 44.87 | 120000 | 1.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 9600 | 39.92 | 120000 | 1.90 | | | | | | | | | | | | | | | | | | | | | | RF | 167 | DV | 225S4 | 900 | 245 | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 8270 | 34.41 | 120000 | 2.2 | | | | | | | | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 650 | 243 | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 6720 | 27.96 | 120000 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 7380 | 30.71 | 120000 | 1.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 167 | DV | 225S4 | 660 | 243 | | | | | | | | | | | | | | | | |
| 60 | 5900 | 24.57 | 120000 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 640 | 242 | | | | | | | | | | | | | | | |
| 67 | 5250 | 21.85 | 120000 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | 4580 | 19.03 | 120000 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 167 | DV | 225S4 | 900 | 245 | | | | | | | | | |
| 87 | 4080 | 16.98 | 120000 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 650 | 243 | | | | | | | | |
| 22 | 16100 | 66.99 | 35000 | 0.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 14700 | 61.09 | 54200 | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 147 | DV | 225S4 | 660 | 243 | | |
| 28 | 12700 | 52.87 | 63200 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 640 | 242 | |
| 32 | 11200 | 46.65 | 65900 | 1.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 9680 | 40.29 | 68200 | 1.35 | RF | 147 | DV | 225S4 | 650 | 243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 8570 | 35.64 | 69700 | 1.50 |  | R | 137 | DV | 225S4 | 520 | 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 7200 | 29.95 | 71100 | 1.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 5810 | 24.19 | 72400 | 2.1 | | | | | | | | RF | 147 | DV | 225S4 | 660 | 243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 4910 | 20.44 | 73000 | 2.4 | | | | | | | |  | R | 147 | DV | 225S4 | 640 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | 4340 | 18.04 | 73400 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | 3760 | 15.64 | 73700 | 3.5 | | | | | | | | | | | | | | | RF | 147 | DV | 225S4 | 650 | 243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 3340 | 13.91 | 73900 | 3.8 | | | | | | | | | | | | | | |  | R | 147 | DV | 225S4 | 640 | 242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 9050 | 37.65 | 49400 | 0.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 7910 | 32.91 | 53600 | 1.00 | | | | | | | | | | | | | | | | | | | | | | RF | 147 | DV | 225S4 | 650 | 243 | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 6690 | 27.83 | 55900 | 1.15 | | | | | | | | | | | | | | | | | | | | | |  | R | 137 | DV | 225S4 | 520 | 240 | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 5800 | 24.12 | 57300 | 1.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 5290 | 22.00* | 58000 | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 137 | DV | 225S4 | 550 | 241 | | | | | | | | | | | | | | | | |
| 77 | 4580 | 19.04* | 57800 | 1.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 137 | DV | 225S4 | 510 | 240 | | | | | | | | | | | | | | | |
| 88 | 4040 | 16.80* | 57300 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 3490 | 14.51 | 56600 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 137 | DV | 225S4 | 540 | 241 | | | | | | | | | |
| 115 | 3080 | 12.83 | 55800 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 137 | DV | 225S4 | 510 | 240 | | | | | | | | |
| 136 | 2590 | 10.79 | 54400 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 2090 | 8.71 | 52600 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RF | 137 | DV | 225S4 | 540 | 241 | | |
| 194 | 1820 | 7.59 | 51900 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | R | 137 | DV | 225S4 | 510 | 240 | |
| 230 | 1530 | 6.38 | 50100 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 285 | 1240 | 5.15 | 47800 | 3.7 | RF | 137 | DV | 225S4 | 540 | 241 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

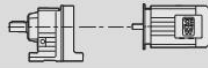



| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | | | | m [kg] |  |
|---------------|------------------|---------------|--------|----------------------|-----------|--|------------|----------|----------------|-------------|---|
| 37 | 73 | 4820 | 20.07 | 16100 | 0.90 | R RF | 107 107 | DV DV | 225S4 225S4 | 435 440 | 238 239 |
| | 81 | 4380 | 18.21 | 16100 | 1.00 | | | | | | |
| | 94 | 3760 | 15.65 | 15900 | 1.15 | | | | | | |
| | 108 | 3280 | 13.66 | 15700 | 1.30 | | | | | | |
| | 127 | 2790 | 11.59 | 15400 | 1.55 | | | | | | |
| | 145 | 2430 | 10.13 | 15100 | 1.75 | | | | | | |
| | 172 | 2060 | 8.56 | 14700 | 2.1 | | | | | | |
| | 187 | 1890 | 7.86 | 15000 | 1.55 | | | | | | |
| | 221 | 1600 | 6.66 | 14400 | 1.85 | | | | | | |
| | 252 | 1400 | 5.82 | 14000 | 2.1 | | | | | | |
| | 299 | 1180 | 4.92 | 13400 | 2.5 | | | | | | |
| | 434 | 810 | 3.38 | 4470 | 1.00 | | | | | | |
| | 479 | 740 | 3.07 | 4950 | 1.10 | | | | | | |
| | 557 | 635 | 2.64* | 5530 | 1.30 | | | | | | |
| | 638 | 555 | 2.30 | 5610 | 1.50 | | | | | | |
| | 752 | 470 | 1.95 | 5490 | 1.65 | | | | | | |
| 860 | 410 | 1.71 | 5370 | 1.70 | | | | | | | |
| 1020 | 345 | 1.44 | 5220 | 1.85 | | | | | | | |
| 45 | 20 | 21500 | 73.70* | 120000 | 0.85 | R RF | 167 167 | DV DV | 225M4 225M4 | 930 930 | 244 245 |
| | 22 | 19700 | 67.40 | 120000 | 0.90 | | | | | | |
| | 25 | 17100 | 58.65 | 120000 | 1.05 | | | | | | |
| | 28 | 15100 | 51.76 | 120000 | 1.20 | | | | | | |
| | 33 | 13100 | 44.87 | 120000 | 1.35 | | | | | | |
| | 37 | 11700 | 39.92 | 120000 | 1.55 | | | | | | |
| | 43 | 10100 | 34.41 | 120000 | 1.80 | | | | | | |
| | 53 | 8170 | 27.96 | 120000 | 2.2 | | | | | | |
| | 62 | 6930 | 23.71 | 120000 | 2.6 | | | | | | |
| | 48 | 8980 | 30.71 | 120000 | 1.10 | | | | | | |
| | 60 | 7180 | 24.57 | 120000 | 1.95 | | | | | | |
| | 67 | 6390 | 21.85 | 120000 | 2.0 | | | | | | |
| | 77 | 5560 | 19.03 | 120000 | 2.9 | | | | | | |
| | 87 | 4960 | 16.98 | 120000 | 3.0 | | | | | | |
| | 28 | 15500 | 52.87 | 44400 | 0.85 | | | | | | |
| | 32 | 13600 | 46.65 | 61300 | 0.95 | | | | | | |
| | 36 | 11800 | 40.29 | 65000 | 1.10 | | | | | | |
| | 41 | 10400 | 35.64 | 67200 | 1.25 | | | | | | |
| | 49 | 8760 | 29.95 | 69400 | 1.50 | | | | | | |
| | 61 | 7070 | 24.19 | 71300 | 1.70 | | | | | | |
| | 72 | 5970 | 20.44 | 72200 | 2.0 | | | | | | |
| | 82 | 5270 | 18.04 | 72800 | 2.0 | | | | | | |
| | 94 | 4570 | 15.64 | 73200 | 2.8 | | | | | | |
| | 106 | 4070 | 13.91 | 73500 | 3.1 | | | | | | |
| | 123 | 3510 | 11.99 | 73800 | 3.7 | | | | | | |
| | 203 | 2120 | 7.25 | 74300 | 4.1 | | | | | | |
| | 45 | 9620 | 32.91 | 41700 | 0.85 | | | | | | |
| | 53 | 8130 | 27.83 | 51200 | 0.95 | | | | | | |
| | 61 | 7050 | 24.12 | 52400 | 1.15 | | | | | | |
| | 67 | 6430 | 22.00* | 52900 | 1.25 | | | | | | |
| | 77 | 5570 | 19.04* | 53300 | 1.45 | | | | | | |
| | 88 | 4910 | 16.80* | 53400 | 1.65 | | | | | | |
| 101 | 4240 | 14.51 | 53200 | 1.90 | | | | | | | |
| 115 | 3750 | 12.83 | 52800 | 2.1 | | | | | | | |
| 136 | 3150 | 10.79 | 51900 | 2.5 | | | | | | | |
| 169 | 2550 | 8.71 | 50500 | 3.1 | | | | | | | |
| 194 | 2220 | 7.59 | 50200 | 2.3 | | | | | | | |
| 230 | 1860 | 6.38 | 48700 | 2.7 | | | | | | | |
| 285 | 1510 | 5.15 | 46700 | 3.1 | | | | | | | |
| 94 | 4580 | 15.65 | 14600 | 0.95 | | | | | | | |
| 108 | 3990 | 13.66 | 14600 | 1.10 | | | | | | | |
| 127 | 3390 | 11.59 | 14400 | 1.25 | | | | | | | |
| 145 | 2960 | 10.13 | 14300 | 1.45 | | | | | | | |
| 172 | 2500 | 8.56 | 14000 | 1.70 | | | | | | | |
| 187 | 2300 | 7.86 | 14400 | 1.30 | | | | | | | |
| 221 | 1950 | 6.66 | 14000 | 1.50 | | | | | | | |
| 252 | 1700 | 5.82 | 13600 | 1.75 | | | | | | | |
| 299 | 1440 | 4.92 | 13100 | 2.0 | | | | | | | |





| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  | | |
|---------------|------------------|---------------|--------|----------------------|-----------|--|-------------|---|------|-----|
| 45 | 434 | 990 | 3.38 | 1360 | 0.85 | | | | | |
| | 479 | 900 | 3.07 | 2080 | 0.90 | | | | | |
| | 557 | 770 | 2.64* | 2970 | 1.10 | RX | 107 | DV 225M4 | 405 | 216 |
| | 638 | 675 | 2.30 | 3640 | 1.25 | RXF | 107 | DV 225M4 | 420 | 217 |
| | 752 | 570 | 1.95 | 4200 | 1.35 | | | | | |
| | 860 | 500 | 1.71 | 4540 | 1.40 | | | | | |
| 1020 | 420 | 1.44 | 4880 | 1.55 | | | | | | |
| 55 | 25 | 20900 | 58.65 | 120000 | 0.85 | | | | | |
| | 29 | 18400 | 51.76 | 120000 | 1.00 | | | | | |
| | 33 | 16000 | 44.87 | 120000 | 1.15 | | | | | |
| | 37 | 14200 | 39.92 | 120000 | 1.25 | R | 167 | DV 250M4 | 1060 | 244 |
| | 43 | 12300 | 34.41 | 120000 | 1.45 | RF | 167 | DV 250M4 | 1060 | 245 |
| | 53 | 9960 | 27.96 | 120000 | 1.80 | | | | | |
| | 62 | 8440 | 23.71 | 120000 | 2.1 | | | | | |
| | 60 | 8750 | 24.57 | 120000 | 1.60 | | | | | |
| | 68 | 7780 | 21.85 | 120000 | 1.65 | R | 167 | DV 250M4 | 1050 | 244 |
| | 77 | 6780 | 19.03 | 120000 | 2.4 | RF | 167 | DV 250M4 | 1060 | 245 |
| | 87 | 6050 | 16.98 | 120000 | 2.5 | | | | | |
| | 102 | 5150 | 14.48 | 120000 | 3.5 | R | 167 | DV 250M4 | 1050 | 244 |
| | 123 | 4270 | 11.99 | 120000 | 4.0 | RF | 167 | DV 250M4 | 1060 | 245 |
| | 32 | 16600 | 46.65 | 26600 | 0.80 | | | | | |
| | 37 | 14300 | 40.29 | 58200 | 0.90 | | | | | |
| | 41 | 12700 | 35.64 | 63300 | 1.00 | R | 147 | DV 250M4 | 800 | 242 |
| | 49 | 10700 | 29.95 | 66800 | 1.20 | RF | 147 | DV 250M4 | 810 | 243 |
| | 61 | 8610 | 24.19 | 69600 | 1.40 | | | | | |
| | 72 | 7280 | 20.44 | 71100 | 1.65 | | | | | |
| | 82 | 6420 | 18.04 | 71900 | 1.65 | R | 147 | DV 250M4 | 790 | 242 |
| | 94 | 5570 | 15.64 | 72500 | 2.3 | RF | 147 | DV 250M4 | 800 | 243 |
| | 106 | 4950 | 13.91 | 73000 | 2.5 | | | | | |
| | 123 | 4270 | 11.99 | 73400 | 3.0 | | | | | |
| | 151 | 3470 | 9.74 | 73800 | 3.8 | R | 147 | DV 250M4 | 790 | 242 |
| | 203 | 2580 | 7.25 | 74200 | 3.4 | RF | 147 | DV 250M4 | 800 | 243 |
| | 250 | 2100 | 5.89 | 72500 | 4.1 | | | | | |
| | 77 | 6780 | 19.04* | 47800 | 1.20 | R | 137 | DV 250M4 | 660 | 240 |
| | 88 | 5980 | 16.80* | 48500 | 1.35 | RF | 137 | DV 250M4 | 690 | 241 |
| 102 | 5170 | 14.51 | 48900 | 1.55 | | | | | | |
| 115 | 4570 | 12.83 | 49000 | 1.75 | | | | | | |
| 137 | 3840 | 10.79 | 48800 | 2.1 | | | | | | |
| 169 | 3100 | 8.71 | 48000 | 2.5 | R | 137 | DV 250M4 | 660 | 240 | |
| 194 | 2700 | 7.59 | 48100 | 1.90 | RF | 137 | DV 250M4 | 690 | 241 | |
| 231 | 2270 | 6.38 | 46900 | 2.3 | | | | | | |
| 286 | 1830 | 5.15 | 45200 | 2.5 | | | | | | |
| 75 | 33 | 21700 | 44.87 | 120000 | 0.85 | | | | | |
| | 37 | 19300 | 39.92 | 120000 | 0.95 | | | | | |
| | 43 | 16700 | 34.41 | 120000 | 1.10 | R | 167 | DV 280S4 | 1190 | 244 |
| | 53 | 13500 | 27.96 | 120000 | 1.35 | RF | 167 | DV 280S4 | 1190 | 245 |
| | 62 | 11500 | 23.71 | 120000 | 1.55 | | | | | |
| | 60 | 11900 | 24.57 | 120000 | 1.20 | | | | | |
| | 68 | 10600 | 21.85 | 120000 | 1.25 | R | 167 | DV 280S4 | 1180 | 244 |
| | 78 | 9210 | 19.03 | 120000 | 1.75 | RF | 167 | DV 280S4 | 1190 | 245 |
| | 87 | 8220 | 16.98 | 120000 | 1.85 | | | | | |
| | 102 | 7000 | 14.48 | 120000 | 2.6 | R | 167 | DV 280S4 | 1180 | 244 |
| | 123 | 5800 | 11.99 | 116600 | 2.9 | RF | 167 | DV 280S4 | 1190 | 245 |
| | 145 | 4950 | 10.24 | 112800 | 3.4 | | | | | |
| | 49 | 14500 | 29.95 | 56500 | 0.90 | R | 147 | DV 280S4 | 940 | 242 |
| | 61 | 11700 | 24.19 | 65100 | 1.00 | RF | 147 | DV 280S4 | 950 | 243 |

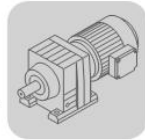


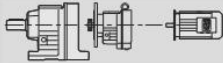

| P_m [kW] | n_a [1/min] | M_a [Nm] | i | $F_{Ra}^{1)}$ [N] | SEW f_B |  | m [kg] |  |
|---------------|------------------|---------------|-------|----------------------|-----------|--|------------------|---|
| 75 | 72 | 9890 | 20.44 | 67900 | 1.20 | | | |
| | 82 | 8730 | 18.04 | 69500 | 1.20 | R | 147 | DV 280S4 930 242 |
| | 95 | 7570 | 15.64 | 70800 | 1.70 | RF | 147 | DV 280S4 940 243 |
| | 106 | 6730 | 13.91 | 71600 | 1.85 | | | |
| | 123 | 5800 | 11.99 | 72400 | 2.2 | | | |
| | 152 | 4710 | 9.74 | 73100 | 2.8 | | | |
| | 179 | 4000 | 8.26 | 73500 | 3.3 | R | 147 | DV 280S4 930 242 |
| | 204 | 3510 | 7.25 | 73100 | 2.5 | RF | 147 | DV 280S4 940 243 |
| | 251 | 2850 | 5.89 | 70100 | 3.0 | | | |
| | 296 | 2420 | 5.00 | 67600 | 3.6 | | | |
| 90 | 37 | 23200 | 39.92 | 120000 | 0.80 | | | |
| | 43 | 20000 | 34.41 | 120000 | 0.90 | R | 167 | D 280M4 1260 244 |
| | 53 | 16200 | 27.96 | 120000 | 1.10 | RF | 167 | D 280M4 1270 245 |
| | 62 | 13800 | 23.71 | 120000 | 1.30 | | | |
| | 60 | 14300 | 24.57 | 120000 | 1.00 | R | 167 | D 280M4 1260 244 |
| | 68 | 12700 | 21.85 | 120000 | 1.00 | RF | 167 | D 280M4 1260 245 |
| | 78 | 11100 | 19.03 | 120000 | 1.45 | | | |
| | 87 | 9860 | 16.98 | 120000 | 1.50 | | | |
| | 102 | 8410 | 14.48 | 117300 | 2.1 | R | 167 | D 280M4 1260 244 |
| | 123 | 6960 | 11.99 | 113500 | 2.4 | RF | 167 | D 280M4 1260 245 |
| | 145 | 5940 | 10.24 | 110100 | 2.9 | | | |
| | 72 | 11900 | 20.44 | 64800 | 1.00 | | | |
| | 82 | 10500 | 18.04 | 67100 | 1.00 | R | 147 | D 280M4 1000 242 |
| | 95 | 9080 | 15.64 | 69000 | 1.45 | RF | 147 | D 280M4 1010 243 |
| | 106 | 8080 | 13.91 | 70200 | 1.55 | | | |
| | 123 | 6960 | 11.99 | 71400 | 1.85 | | | |
| 152 | 5660 | 9.74 | 72500 | 2.3 | | | | |
| 179 | 4800 | 8.26 | 73000 | 2.7 | R | 147 | D 280M4 1000 242 | |
| 204 | 4210 | 7.25 | 70900 | 2.1 | RF | 147 | D 280M4 1010 243 | |
| 251 | 3420 | 5.89 | 68300 | 2.5 | | | | |
| 296 | 2900 | 5.00 | 66100 | 3.0 | | | | |
| 110 | 53 | 19800 | 27.96 | 117100 | 0.90 | R | 167 | D 315S4 1450 244 |
| | 63 | 16800 | 23.71 | 116900 | 1.05 | RF | 167 | D 315S4 1460 245 |
| | 78 | 13500 | 19.03 | 115500 | 1.20 | | | |
| | 87 | 12000 | 16.98 | 114300 | 1.25 | | | |
| | 103 | 10200 | 14.48 | 112200 | 1.75 | R | 167 | D 315S4 1440 244 |
| | 124 | 8480 | 11.99 | 109300 | 2.0 | RF | 167 | D 315S4 1450 245 |
| | 145 | 7240 | 10.24 | 106500 | 2.4 | | | |
| | 132 | 63 | 20100 | 23.71 | 107900 | 0.90 | R | 167 |
| 132 | 78 | 16200 | 19.03 | 108300 | 1.00 | RF | 167 | D 315M4 1560 245 |
| | 87 | 14400 | 16.98 | 107800 | 1.05 | | | |
| | 103 | 12300 | 14.48 | 106700 | 1.45 | R | 167 | D 315M4 1540 244 |
| | 124 | 10200 | 11.99 | 104700 | 1.65 | RF | 167 | D 315M4 1550 245 |
| | 145 | 8690 | 10.24 | 102600 | 1.95 | | | |
| | 160 | 78 | 16200 | 19.03 | 108300 | 1.00 | | |
| 160 | 103 | 14900 | 14.48 | 99700 | 1.20 | R | 167 | D 315M4A 1540 244 |
| | 124 | 12300 | 11.99 | 98900 | 1.40 | RF | 167 | D 315M4A 1550 245 |
| | 145 | 10500 | 10.24 | 97600 | 1.60 | | | |



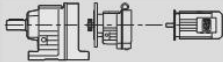

8.4 R..R..D.. [Nm]

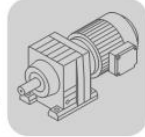
| $M_{a \max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  | |
|----------------------|------------------|------|----------------------|--|--------|--------|------|-------------|---|-----|
| 130 | 0.16 | 8612 | 4230 | | | | | | | |
| | 0.19 | 7425 | 4230 | | | | | | | |
| | 0.20 | 6921 | 4230 | | | | | | | |
| | 0.23 | 6050 | 4230 | | | | | | | |
| | 0.26 | 5217 | 4230 | | | | | | | |
| | 0.30 | 4661 | 4230 | | | | | | | |
| | 0.34 | 4073 | 4230 | | R | 27 R17 | DR | 63S4 | 12 | 246 |
| | 0.39 | 3516 | 4230 | | RF | 27 R17 | DR | 63S4 | 11 | 246 |
| | 0.44 | 3160 | 4230 | | | | | | | |
| | 0.50 | 2763 | 4230 | | | | | | | |
| | 0.57 | 2414 | 4230 | | | | | | | |
| | 0.65 | 2110 | 4230 | | | | | | | |
| | 0.76 | 1822 | 4230 | | | | | | | |
| | 0.87 | 1580 | 4230 | | | | | | | |
| | 0.94 | 1464 | 4230 | | | | | | | |
| | 1.1 | 1270 | 4230 | | | | | | | |
| | 1.2 | 1100 | 4230 | | R | 27 R17 | DR | 63S4 | 11 | 246 |
| | 1.4 | 972 | 4230 | | RF | 27 R17 | DR | 63S4 | 11 | 246 |
| | 1.6 | 840 | 4230 | | | | | | | |
| | 1.9 | 741 | 4230 | | | | | | | |
| | 2.1 | 654 | 4230 | | | | | | | |
| | 2.4 | 566 | 4230 | | | | | | | |
| | 2.8 | 499 | 4230 | | | | | | | |
| | 3.1 | 440 | 4230 | | | | | | | |
| | 3.6 | 381 | 4230 | | | | | | | |
| | 4.2 | 329 | 4230 | | R | 27 R17 | DR | 63S4 | 11 | 246 |
| | 4.8 | 290 | 4230 | | RF | 27 R17 | DR | 63S4 | 11 | 246 |
| | 5.4 | 256 | 4230 | | | | | | | |
| | 6.1 | 227 | 4230 | | | | | | | |
| | 6.8 | 203 | 4230 | | | | | | | |
| | 7.4 | 179 | 4230 | | | | | | | |
| | 8.5 | 156 | 4230 | | R | 27 R17 | DR | 63M4 | 11 | 246 |
| | 9.8 | 135 | 4230 | | RF | 27 R17 | DR | 63M4 | 11 | 246 |
| 11 | 118 | 4230 | | | | | | | | |
| 12 | 104 | 4230 | | R | 27 R17 | DR | 63L4 | 12 | 246 | |
| 14 | 90 | 4230 | | RF | 27 R17 | DR | 63L4 | 12 | 246 | |
| 200 | 0.16 | 8595 | 4950 | | | | | | | |
| | 0.19 | 7411 | 4950 | | | | | | | |
| | 0.20 | 6907 | 4950 | | | | | | | |
| | 0.23 | 6038 | 4950 | | | | | | | |
| | 0.27 | 5206 | 4950 | | | | | | | |
| | 0.30 | 4651 | 4950 | | | | | | | |
| | 0.34 | 4065 | 4950 | | R | 37 R17 | DR | 63S4 | 17 | 246 |
| | 0.38 | 3658 | 4950 | | RF | 37 R17 | DR | 63S4 | 19 | 246 |
| | 0.44 | 3154 | 4950 | | | | | | | |
| | 0.50 | 2757 | 4950 | | | | | | | |
| | 0.57 | 2409 | 4950 | | | | | | | |
| | 0.66 | 2106 | 4950 | | | | | | | |
| | 0.76 | 1818 | 4950 | | | | | | | |
| | 0.88 | 1576 | 4950 | | | | | | | |
| | 1.0 | 1359 | 4950 | | | | | | | |
| | 1.1 | 1267 | 4950 | | | | | | | |
| | 1.3 | 1098 | 4950 | | | | | | | |
| | 1.4 | 970 | 4950 | | R | 37 R17 | DR | 63S4 | 17 | 246 |
| | 1.7 | 839 | 4950 | | RF | 37 R17 | DR | 63S4 | 19 | 246 |
| | 1.9 | 740 | 4950 | | | | | | | |
| | 2.1 | 653 | 4950 | | | | | | | |
| 2.4 | 577 | 4950 | | | | | | | | |
| 2.8 | 498 | 4950 | | | | | | | | |
| 3.1 | 439 | 4950 | | R | 37 R17 | DR | 63S4 | 17 | 246 | |
| 3.6 | 378 | 4950 | | RF | 37 R17 | DR | 63S4 | 18 | 246 | |
| 4.2 | 328 | 4950 | | | | | | | | |

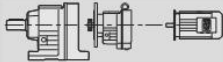



| $M_{a\ max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | m [kg] |  | |
|----------------------|------------------|-------|----------------------|--|-------------|---|--------|
| 200 | 4.6 | 289 | 4950 | | | | |
| | 5.0 | 265 | 4950 | R | 37 R17 | DR 63M4 | 17 246 |
| | 5.8 | 226 | 4950 | RF | 37 R17 | DR 63M4 | 18 246 |
| | 6.5 | 202 | 4950 | | | | |
| | 7.3 | 179 | 4950 | | | | |
| | 8.3 | 156 | 4950 | R | 37 R17 | DR 63L4 | 18 246 |
| | 9.7 | 135 | 4950 | RF | 37 R17 | DR 63L4 | 19 246 |
| | 10 | 127 | 4950 | | | | |
| | 13 | 104 | 4950 | R | 37 R17 | DT 71D4 | 18 246 |
| | 15 | 90 | 4950 | RF | 37 R17 | DT 71D4 | 20 246 |
| | 300 | 0.10 | 13598 | 5420 | | | |
| | | 0.11 | 12472 | 5420 | | | |
| | | 0.13 | 10619 | 5420 | | | |
| | | 0.15 | 9155 | 5420 | | | |
| 0.16 | | 8534 | 5420 | | | | |
| 0.18 | | 7460 | 5420 | | | | |
| 0.20 | | 6993 | 5420 | | | | |
| 0.22 | | 6171 | 5420 | R | 47 R37 | DR 63S4 | 29 246 |
| 0.25 | | 5624 | 5420 | RF | 47 R37 | DR 63S4 | 29 246 |
| 0.28 | | 4849 | 5420 | | | | |
| 0.31 | | 4520 | 5420 | | | | |
| 0.35 | | 3951 | 5420 | | | | |
| 0.37 | | 3704 | 5420 | | | | |
| 0.42 | | 3268 | 5420 | | | | |
| 0.48 | | 2898 | 5420 | | | | |
| 0.56 | | 2463 | 5420 | | | | |
| 0.53 | | 2598 | 5420 | | | | |
| 0.58 | | 2383 | 5420 | | | | |
| 0.68 | | 2029 | 5420 | | | | |
| 0.79 | | 1749 | 5420 | | | | |
| 0.85 | | 1630 | 5420 | | | | |
| 0.97 | | 1425 | 5420 | R | 47 R37 | DR 63S4 | 29 246 |
| 1.0 | | 1336 | 5420 | RF | 47 R37 | DR 63S4 | 29 246 |
| 1.2 | | 1179 | 5420 | | | | |
| 1.3 | | 1074 | 5420 | | | | |
| 1.5 | | 927 | 5420 | | | | |
| 1.6 | | 863 | 5420 | | | | |
| 1.8 | | 755 | 5420 | | | | |
| 2.5 | | 546 | 5420 | R | 47 R37 | DR 63S4 | 28 246 |
| 2.8 | | 502 | 5420 | RF | 47 R37 | DR 63S4 | 28 246 |
| 3.1 | | 429 | 5420 | | | | |
| 3.6 | | 372 | 5420 | R | 47 R37 | DR 63M4 | 28 246 |
| 3.8 | | 348 | 5420 | RF | 47 R37 | DR 63M4 | 28 246 |
| 4.4 | | 301 | 5420 | | | | |
| 5.1 | 255 | 5420 | R | 47 R37 | DR 63L4 | 29 246 | |
| 5.7 | 228 | 5420 | RF | 47 R37 | DR 63L4 | 29 246 | |
| 450 | 0.10 | 14369 | 7110 | | | | |
| | 0.11 | 12095 | 7110 | | | | |
| | 0.13 | 10860 | 7110 | | | | |
| | 0.15 | 9445 | 7110 | | | | |
| | 0.16 | 8480 | 7110 | | | | |
| | 0.19 | 7312 | 7110 | | | | |
| | 0.21 | 6521 | 7110 | | | | |
| | 0.25 | 5585 | 7110 | R | 57 R37 | DR 63S4 | 34 246 |
| | 0.28 | 4928 | 7110 | RF | 57 R37 | DR 63S4 | 38 246 |
| | 0.32 | 4378 | 7110 | | | | |
| | 0.36 | 3873 | 7110 | | | | |
| | 0.41 | 3344 | 7110 | | | | |
| | 0.47 | 2907 | 7110 | | | | |
| | 0.54 | 2567 | 7110 | | | | |
| | 0.61 | 2244 | 7110 | | | | |
| | 0.70 | 1967 | 7110 | | | | |

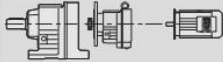



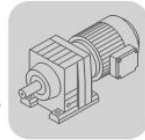
| $M_a \text{ max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|---------------------------|------------------|-------|----------------------|--|--------|------|------|-------------|---|
| 450 | 0.80 | 1732 | 7110 | | | | | | |
| | 0.89 | 1555 | 7110 | | | | | | |
| | 0.99 | 1399 | 7110 | R | 57 R37 | DR | 63S4 | 34 | 246 |
| | 1.2 | 1189 | 7110 | RF | 57 R37 | DR | 63S4 | 38 | 246 |
| | 1.3 | 1034 | 7110 | | | | | | |
| | 1.8 | 782 | 7110 | | | | | | |
| | 1.9 | 678 | 7110 | | | | | | |
| | 2.2 | 604 | 7110 | R | 57 R37 | DR | 63M4 | 34 | 246 |
| | 2.5 | 537 | 7110 | RF | 57 R37 | DR | 63M4 | 38 | 246 |
| | 2.8 | 471 | 7110 | | | | | | |
| | 3.6 | 357 | 7110 | R | 57 R37 | DR | 63L4 | 35 | 246 |
| | 4.1 | 319 | 7110 | RF | 57 R37 | DR | 63L4 | 38 | 246 |
| | 5.1 | 273 | 7110 | R | 57 R37 | DT | 71D4 | 36 | 246 |
| | 5.7 | 241 | 7110 | RF | 57 R37 | DT | 71D4 | 39 | 246 |
| 600 | 0.09 | 15361 | 7560 | | | | | | |
| | 0.11 | 12931 | 7560 | | | | | | |
| | 0.12 | 11996 | 7560 | | | | | | |
| | 0.14 | 10097 | 7560 | | | | | | |
| | 0.15 | 9066 | 7560 | | | | | | |
| | 0.18 | 7816 | 7560 | | | | | | |
| | 0.20 | 6732 | 7560 | | | | | | |
| | 0.23 | 5970 | 7560 | R | 67 R37 | DR | 63S4 | 41 | 246 |
| | 0.26 | 5268 | 7560 | RF | 67 R37 | DR | 63S4 | 44 | 246 |
| | 0.29 | 4680 | 7560 | | | | | | |
| | 0.33 | 4136 | 7560 | | | | | | |
| | 0.39 | 3566 | 7560 | | | | | | |
| | 0.44 | 3125 | 7560 | | | | | | |
| | 0.50 | 2745 | 7560 | | | | | | |
| | 0.57 | 2403 | 7560 | | | | | | |
| | 0.51 | 2682 | 7560 | | | | | | |
| | 0.56 | 2460 | 7560 | | | | | | |
| | 0.66 | 2094 | 7560 | | | | | | |
| | 0.76 | 1805 | 7560 | R | 67 R37 | DR | 63S4 | 40 | 246 |
| | 0.85 | 1629 | 7560 | RF | 67 R37 | DR | 63S4 | 43 | 246 |
| | 0.94 | 1471 | 7560 | | | | | | |
| | 1.0 | 1379 | 7560 | | | | | | |
| | 1.8 | 730 | 7560 | R | 67 R37 | DR | 63M4 | 40 | 246 |
| | 2.3 | 571 | 7560 | RF | 67 R37 | DR | 63M4 | 43 | 246 |
| | 2.7 | 486 | 7560 | R | 67 R37 | DR | 63L4 | 41 | 246 |
| | | | | RF | 67 R37 | DR | 63L4 | 44 | 246 |
| | 0.84 | 1652 | 7560 | | | | | | |
| | 0.96 | 1432 | 7560 | R | 67 R37 | DR | 63S4 | 41 | 246 |
| | 1.1 | 1259 | 7560 | RF | 67 R37 | DR | 63S4 | 44 | 246 |
| | 1.2 | 1106 | 7560 | | | | | | |
| | 1.6 | 836 | 7560 | | | | | | |
| | 1.8 | 750 | 7560 | R | 67 R37 | DR | 63M4 | 41 | 246 |
| 2.0 | 646 | 7560 | RF | 67 R37 | DR | 63M4 | 44 | 246 | |
| 2.3 | 574 | 7560 | | | | | | | |
| 2.6 | 495 | 7560 | R | 67 R37 | DR | 63L4 | 41 | 246 | |
| 3.0 | 438 | 7560 | RF | 67 R37 | DR | 63L4 | 45 | 246 | |
| 3.4 | 388 | 7560 | | | | | | | |
| 4.0 | 344 | 7560 | R | 67 R37 | DT | 71D4 | 42 | 246 | |
| 4.7 | 294 | 7560 | RF | 67 R37 | DT | 71D4 | 46 | 246 | |

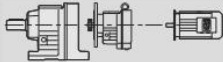



| $M_{a\ max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | m [kg] |  | | | | |
|----------------------|------------------|-------|----------------------|--|-------------|---|------|------|-----|-----|
| 820 | 0.08 | 16370 | 9920 | | | | | | | |
| | 0.09 | 15015 | 9920 | | | | | | | |
| | 0.10 | 13885 | 9920 | | | | | | | |
| | 0.11 | 12783 | 9920 | | | | | | | |
| | 0.13 | 11021 | 9920 | | | | | | | |
| | 0.14 | 9788 | 9920 | | | | | | | |
| | 0.16 | 8714 | 9920 | | | | | | | |
| | 0.18 | 7617 | 9920 | | R | 77 R37 | DR | 63S4 | 46 | 246 |
| | 0.20 | 6770 | 9920 | | RF | 77 R37 | DR | 63S4 | 52 | 246 |
| | 0.24 | 5838 | 9920 | | | | | | | |
| | 0.27 | 5184 | 9920 | | | | | | | |
| | 0.31 | 4470 | 9920 | | | | | | | |
| | 0.35 | 3999 | 9920 | | | | | | | |
| | 0.40 | 3488 | 9920 | | | | | | | |
| | 0.45 | 3053 | 9920 | | | | | | | |
| | 0.52 | 2671 | 9920 | | | | | | | |
| | 0.44 | 3151 | 9920 | | | | | | | |
| | 0.48 | 2890 | 9920 | | | | | | | |
| | 0.56 | 2460 | 9920 | | | | | | | |
| | 0.65 | 2121 | 9920 | | R | 77 R37 | DR | 63S4 | 45 | 246 |
| | 0.70 | 1977 | 9920 | | RF | 77 R37 | DR | 63S4 | 51 | 246 |
| | 0.80 | 1728 | 9920 | | | | | | | |
| | 0.85 | 1620 | 9920 | | | | | | | |
| | 0.97 | 1430 | 9920 | | | | | | | |
| | 1.1 | 1303 | 9920 | | | | | | | |
| | 1.2 | 1124 | 9920 | | | | | | | |
| | 1.3 | 1047 | 9920 | | R | 77 R37 | DR | 63M4 | 45 | 246 |
| | 1.4 | 915 | 9920 | | RF | 77 R37 | DR | 63M4 | 51 | 246 |
| | 1.5 | 858 | 9920 | | | | | | | |
| | 1.7 | 757 | 9920 | | | | | | | |
| | 1.9 | 671 | 9920 | | R | 77 R37 | DR | 63L4 | 46 | 246 |
| | 2.3 | 571 | 9920 | | RF | 77 R37 | DR | 63L4 | 52 | 246 |
| | 2.3 | 560 | 9920 | | R | 77 R37 | DR | 63L4 | 47 | 246 |
| | | | | | RF | 77 R37 | DR | 63L4 | 53 | 246 |
| | 2.8 | 488 | 9920 | | | | | | | |
| 3.2 | 436 | 9920 | | R | 77 R37 | DT | 71D4 | 48 | 246 | |
| 3.7 | 373 | 9920 | | RF | 77 R37 | DT | 71D4 | 54 | 246 | |
| 4.2 | 327 | 9920 | | | | | | | | |
| 4.7 | 289 | 9920 | | R | 77 R37 | DT | 80K4 | 50 | 246 | |
| 5.2 | 260 | 9920 | | RF | 77 R37 | DT | 80K4 | 56 | 246 | |
| 1550 | 0.08 | 17452 | 16900 | | | | | | | |
| | 0.09 | 15310 | 16900 | | | | | | | |
| | 0.10 | 13813 | 16900 | | | | | | | |
| | 0.11 | 12025 | 16900 | | | | | | | |
| | 0.13 | 10549 | 16900 | | | | | | | |
| | 0.15 | 9244 | 16900 | | | | | | | |
| | 0.17 | 8109 | 16900 | | | | | | | |
| | 0.20 | 7038 | 16900 | | R | 87 R57 | DR | 63S4 | 86 | 246 |
| | 0.22 | 6174 | 16900 | | RF | 87 R57 | DR | 63S4 | 93 | 246 |
| | 0.25 | 5449 | 16900 | | | | | | | |
| | 0.29 | 4831 | 16900 | | | | | | | |
| | 0.33 | 4206 | 16900 | | | | | | | |
| | 0.37 | 3744 | 16900 | | | | | | | |
| | 0.43 | 3233 | 16900 | | | | | | | |
| | 0.48 | 2873 | 16900 | | | | | | | |
| | 0.67 | 1961 | 16900 | | R | 87 R57 | DR | 63M4 | 86 | 246 |
| | | | | | RF | 87 R57 | DR | 63M4 | 93 | 246 |
| | 0.34 | 4020 | 16900 | | | | | | | |
| | 0.43 | 3182 | 16900 | | R | 87 R57 | DR | 63S4 | 85 | 246 |
| | 0.50 | 2770 | 16900 | | RF | 87 R57 | DR | 63S4 | 92 | 246 |
| | 0.53 | 2595 | 16900 | | | | | | | |
| 0.62 | 2129 | 16900 | | | | | | | | |
| 0.68 | 1930 | 16900 | | R | 87 R57 | DR | 63M4 | 85 | 246 | |
| 0.76 | 1733 | 16900 | | RF | 87 R57 | DR | 63M4 | 92 | 246 | |
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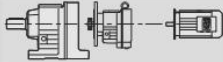



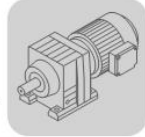
| $M_{a\ max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|----------------------|------------------|-------|----------------------|--|---------------|-------------|-------------|-------------|---|
| 1550 | 0.93 | 1395 | 16900 | | | | | | |
| | 1.1 | 1232 | 16900 | R | 87 R57 | DR | 63L4 | 85 | 246 |
| | 1.1 | 1145 | 16900 | RF | 87 R57 | DR | 63L4 | 93 | 246 |
| | 1.2 | 1037 | 16900 | | | | | | |
| | 1.7 | 802 | 16900 | R | 87 R57 | DT | 71D4 | 87 | 246 |
| | 1.8 | 754 | 16900 | RF | 87 R57 | DT | 71D4 | 94 | 246 |
| | 0.76 | 1737 | 16900 | R | 87 R57 | DR | 63M4 | 85 | 246 |
| | 0.87 | 1524 | 16900 | RF | 87 R57 | DR | 63M4 | 92 | 246 |
| | 1.0 | 1303 | 16900 | R | 87 R57 | DR | 63L4 | 86 | 246 |
| | | | | RF | 87 R57 | DR | 63L4 | 93 | 246 |
| | 1.4 | 1008 | 16900 | R | 87 R57 | DT | 80K4 | 89 | 246 |
| | | | | RF | 87 R57 | DT | 80K4 | 97 | 246 |
| | 1.6 | 885 | 16900 | R | 87 R57 | DT | 71D4 | 87 | 246 |
| | | | | RF | 87 R57 | DT | 71D4 | 95 | 246 |
| | 2.0 | 685 | 16900 | R | 87 R57 | DT | 80K4 | 89 | 246 |
| | 2.3 | 599 | 16900 | RF | 87 R57 | DT | 80K4 | 97 | 246 |
| | 3.5 | 398 | 16900 | R | 87 R57 | DT | 80N4 | 90 | 246 |
| | 3.9 | 352 | 16900 | RF | 87 R57 | DT | 80N4 | 98 | 246 |
| | 4.6 | 305 | 16900 | R | 87 R57 | DT | 90S4 | 96 | 246 |
| | 5.2 | 268 | 16900 | RF | 87 R57 | DT | 90S4 | 105 | 246 |
| | 2.5 | 538 | 16900 | R | 87 R57 | DT | 80K4 | 88 | 246 |
| | 2.9 | 472 | 16900 | RF | 87 R57 | DT | 80K4 | 95 | 246 |
| | 3.5 | 400 | 16900 | R | 87 R57 | DT | 80N4 | 89 | 246 |
| | 3.8 | 361 | 16900 | RF | 87 R57 | DT | 80N4 | 96 | 246 |
| 4.7 | 300 | 16900 | R | 87 R57 | DT | 90S4 | 94 | 246 | |
| 5.5 | 256 | 16900 | RF | 87 R57 | DT | 90S4 | 100 | 246 | |
| 3000 | 0.06 | 21769 | 19800 | | | | | | |
| | 0.07 | 19332 | 19800 | | | | | | |
| | 0.08 | 17230 | 19800 | | | | | | |
| | 0.09 | 14999 | 19800 | | | | | | |
| | 0.10 | 13320 | 19800 | | | | | | |
| | 0.12 | 11156 | 19800 | R | 97 R57 | DR | 63S4 | 130 | 246 |
| | 0.14 | 10030 | 19800 | RF | 97 R57 | DR | 63S4 | 145 | 246 |
| | 0.16 | 8706 | 19800 | | | | | | |
| | 0.18 | 7692 | 19800 | | | | | | |
| | 0.21 | 6708 | 19800 | | | | | | |
| | 0.23 | 5931 | 19800 | | | | | | |
| | 0.27 | 5161 | 19800 | | | | | | |
| | 0.33 | 4004 | 19800 | R | 97 R57 | DR | 63M4 | 130 | 246 |
| | 0.38 | 3481 | 19800 | RF | 97 R57 | DR | 63M4 | 145 | 246 |
| | 0.29 | 4678 | 19800 | R | 97 R57 | DR | 63S4 | 125 | 246 |
| | | | | RF | 97 R57 | DR | 63S4 | 145 | 246 |
| | 0.31 | 4309 | 19800 | R | 97 R57 | DR | 63M4 | 125 | 246 |
| | 0.36 | 3702 | 19800 | RF | 97 R57 | DR | 63M4 | 145 | 246 |
| | 0.44 | 3019 | 19800 | | | | | | |
| | 0.49 | 2668 | 19800 | R | 97 R57 | DR | 63L4 | 125 | 246 |
| | 0.58 | 2245 | 19800 | RF | 97 R57 | DR | 63L4 | 145 | 246 |
| | 0.64 | 2016 | 19800 | | | | | | |
| | 0.80 | 1733 | 19800 | R | 97 R57 | DT | 71D4 | 130 | 246 |
| | 0.85 | 1623 | 19800 | RF | 97 R57 | DT | 71D4 | 145 | 246 |
| | 0.96 | 1434 | 19800 | | | | | | |
| | 1.1 | 1207 | 19800 | | | | | | |
| | 1.2 | 1084 | 19800 | R | 97 R57 | DT | 80K4 | 130 | 246 |
| | 1.5 | 934 | 19800 | RF | 97 R57 | DT | 80K4 | 145 | 246 |
| | 1.6 | 878 | 19800 | | | | | | |
| | 1.8 | 755 | 19800 | R | 97 R57 | DT | 80N4 | 130 | 246 |
| | | | RF | 97 R57 | DT | 80N4 | 150 | 246 | |

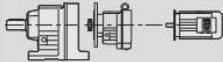



| $M_{a \max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|----------------------|------------------|-------|----------------------|--|---------|-------|-------|-------------|---|
| 3000 | 0.76 | 1823 | 19800 | R | 97 R57 | DT | 71D4 | 130 | 246 |
| | 0.87 | 1583 | 19800 | RF | 97 R57 | DT | 71D4 | 145 | 246 |
| | 0.99 | 1396 | 19800 | | | | | | |
| | 1.1 | 1228 | 19800 | R | 97 R57 | DT | 80K4 | 130 | 246 |
| | 1.3 | 1069 | 19800 | RF | 97 R57 | DT | 80K4 | 150 | 246 |
| | 1.4 | 938 | 19800 | | | | | | |
| | 1.7 | 824 | 19800 | R | 97 R57 | DT | 80N4 | 135 | 246 |
| | 1.9 | 737 | 19800 | RF | 97 R57 | DT | 80N4 | 150 | 246 |
| | 2.2 | 632 | 19800 | R | 97 R57 | DT | 90S4 | 140 | 246 |
| | 2.5 | 560 | 19800 | RF | 97 R57 | DT | 90S4 | 155 | 246 |
| | 2.9 | 484 | 19800 | | | | | | |
| | 3.3 | 431 | 19800 | R | 97 R57 | DT | 90L4 | 140 | 246 |
| | 3.7 | 379 | 19800 | RF | 97 R57 | DT | 90L4 | 155 | 246 |
| | 4.2 | 336 | 19800 | | | | | | |
| | 4.8 | 296 | 19800 | R | 97 R57 | DV | 100M4 | 145 | 246 |
| | 5.7 | 249 | 19800 | RF | 97 R57 | DV | 100M4 | 165 | 246 |
| | 6.0 | 234 | 19800 | | | | | | |
| | 2.2 | 625 | 19800 | R | 97 R57 | DT | 90S4 | 135 | 246 |
| | 2.6 | 549 | 19800 | RF | 97 R57 | DT | 90S4 | 150 | 246 |
| | 5.2 | 270 | 19800 | R | 97 R57 | DV | 100M4 | 145 | 246 |
| 6.2 | 227 | 19800 | RF | 97 R57 | DV | 100M4 | 160 | 246 | |
| 4300 | 0.07 | 20018 | 29500 | | | | | | |
| | 0.08 | 17080 | 29500 | | | | | | |
| | 0.09 | 14936 | 29500 | | | | | | |
| | 0.11 | 12829 | 29500 | R | 107 R77 | DR | 63S4 | 200 | 246 |
| | 0.12 | 11256 | 29500 | RF | 107 R77 | DR | 63S4 | 210 | 246 |
| | 0.14 | 9547 | 29500 | | | | | | |
| | 0.16 | 8618 | 29500 | | | | | | |
| | 0.18 | 7583 | 29500 | | | | | | |
| | 0.20 | 6743 | 29500 | | | | | | |
| | 0.22 | 5914 | 29500 | R | 107 R77 | DR | 63M4 | 200 | 246 |
| | 0.26 | 5168 | 29500 | RF | 107 R77 | DR | 63M4 | 210 | 246 |
| | 0.30 | 4435 | 29500 | | | | | | |
| | 0.33 | 3896 | 29500 | R | 107 R77 | DR | 63L4 | 205 | 246 |
| | 0.43 | 3039 | 29500 | RF | 107 R77 | DR | 63L4 | 210 | 246 |
| | 0.34 | 3918 | 29500 | R | 107 R77 | DR | 63M4 | 195 | 246 |
| | | | | RF | 107 R77 | DR | 63M4 | 200 | 246 |
| | 0.39 | 3343 | 29500 | R | 107 R77 | DR | 63L4 | 195 | 246 |
| | 0.43 | 3034 | 29500 | RF | 107 R77 | DR | 63L4 | 200 | 246 |
| | 0.52 | 2653 | 29500 | R | 107 R77 | DT | 71D4 | 195 | 246 |
| | 0.61 | 2280 | 29500 | RF | 107 R77 | DT | 71D4 | 205 | 246 |
| | 0.67 | 2067 | 29500 | | | | | | |
| | 0.80 | 1693 | 29500 | R | 107 R77 | DT | 80K4 | 200 | 246 |
| | 0.88 | 1550 | 29500 | RF | 107 R77 | DT | 80K4 | 205 | 246 |
| | 0.97 | 1407 | 29500 | | | | | | |
| | 1.1 | 1209 | 29500 | R | 107 R77 | DT | 80N4 | 200 | 246 |
| | 1.3 | 1055 | 29500 | RF | 107 R77 | DT | 80N4 | 205 | 246 |
| | 1.5 | 919 | 29500 | R | 107 R77 | DT | 90S4 | 205 | 246 |
| | 1.7 | 815 | 29500 | RF | 107 R77 | DT | 90S4 | 210 | 246 |
| | 1.9 | 717 | 29500 | | | | | | |
| | 2.2 | 626 | 29500 | R | 107 R77 | DT | 90L4 | 205 | 246 |
| 2.7 | 528 | 29500 | RF | 107 R77 | DT | 90L4 | 215 | 246 | |
| 0.69 | 1987 | 29500 | R | 107 R77 | DT | 71D4 | 200 | 246 | |
| | | | RF | 107 R77 | DT | 71D4 | 210 | 246 | |

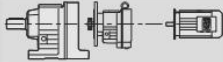



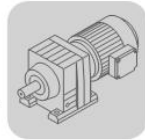
| $M_{a \max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|----------------------|------------------|-------|----------------------|--|---------|-------|-------|-------------|---|
| 4300 | 0.74 | 1827 | 29500 | R | 107 R77 | DT | 80K4 | 205 | 246 |
| | 0.85 | 1599 | 29500 | RF | 107 R77 | DT | 80K4 | 210 | 246 |
| | 0.97 | 1400 | 29500 | | | | | | |
| | 1.1 | 1226 | 29500 | R | 107 R77 | DT | 80N4 | 205 | 246 |
| | 1.2 | 1104 | 29500 | RF | 107 R77 | DT | 80N4 | 210 | 246 |
| | 1.5 | 939 | 29500 | | | | | | |
| | 1.7 | 822 | 29500 | R | 107 R77 | DT | 90S4 | 210 | 246 |
| | | | | RF | 107 R77 | DT | 90S4 | 215 | 246 |
| | 2.3 | 614 | 29500 | | | | | | |
| | 2.6 | 544 | 29500 | R | 107 R77 | DT | 90L4 | 210 | 246 |
| | 2.9 | 492 | 29500 | RF | 107 R77 | DT | 90L4 | 220 | 246 |
| | 3.4 | 417 | 29500 | | | | | | |
| | 3.8 | 369 | 29500 | R | 107 R77 | DV | 100M4 | 220 | 246 |
| | 4.4 | 323 | 29500 | RF | 107 R77 | DV | 100M4 | 225 | 246 |
| | 4.9 | 285 | 29500 | R | 107 R77 | DV | 100L4 | 225 | 246 |
| | 5.5 | 253 | 29500 | RF | 107 R77 | DV | 100L4 | 230 | 246 |
| | 6.6 | 214 | 29500 | R | 107 R77 | DV | 112M4 | 230 | 246 |
| | 7.6 | 187 | 29500 | RF | 107 R77 | DV | 112M4 | 235 | 246 |
| | 3.0 | 469 | 29500 | R | 107 R77 | DT | 90L4 | 205 | 246 |
| | | | | RF | 107 R77 | DT | 90L4 | 210 | 246 |
| | 3.3 | 426 | 29500 | | | | | | |
| | 3.7 | 377 | 29500 | R | 107 R77 | DV | 100M4 | 215 | 246 |
| | 4.4 | 325 | 29500 | RF | 107 R77 | DV | 100M4 | 220 | 246 |
| | 4.9 | 284 | 29500 | R | 107 R77 | DV | 100L4 | 215 | 246 |
| 5.5 | 256 | 29500 | RF | 107 R77 | DV | 100L4 | 225 | 246 | |
| 6.5 | 220 | 29500 | | | | | | | |
| 7.3 | 193 | 29500 | R | 107 R77 | DV | 112M4 | 225 | 246 | |
| 8.2 | 172 | 29500 | RF | 107 R77 | DV | 112M4 | 230 | 246 | |
| 8000 | 0.06 | 22203 | 53400 | | | | | | |
| | 0.07 | 18945 | 53400 | | | | | | |
| | 0.08 | 16566 | 53400 | R | 137 R77 | DR | 63S4 | 290 | 246 |
| | 0.09 | 14777 | 53400 | RF | 137 R77 | DR | 63S4 | 310 | 246 |
| | 0.11 | 12921 | 53400 | | | | | | |
| | 0.11 | 11712 | 53400 | | | | | | |
| | 0.12 | 10573 | 53400 | R | 137 R77 | DR | 63M4 | 290 | 246 |
| | 0.15 | 8784 | 53400 | RF | 137 R77 | DR | 63M4 | 310 | 246 |
| | 0.17 | 7479 | 53400 | | | | | | |
| | 0.20 | 6559 | 53400 | R | 137 R77 | DR | 63L4 | 290 | 246 |
| | 0.22 | 5834 | 53400 | RF | 137 R77 | DR | 63L4 | 310 | 246 |
| | 0.27 | 5116 | 53400 | | | | | | |
| | 0.31 | 4464 | 53400 | R | 137 R77 | DT | 71D4 | 290 | 246 |
| | 0.35 | 3928 | 53400 | RF | 137 R77 | DT | 71D4 | 315 | 246 |
| | 0.39 | 3454 | 53400 | | | | | | |
| | 0.45 | 2993 | 53400 | R | 137 R77 | DT | 80K4 | 290 | 246 |
| | | | | RF | 137 R77 | DT | 80K4 | 315 | 246 |
| | 0.29 | 4709 | 53400 | R | 137 R77 | DT | 71D4 | 280 | 246 |
| | 0.34 | 4018 | 53400 | RF | 137 R77 | DT | 71D4 | 305 | 246 |
| | 0.39 | 3514 | 53400 | | | | | | |
| | 0.41 | 3338 | 53400 | R | 137 R77 | DT | 80K4 | 280 | 246 |
| | 0.46 | 2929 | 53400 | RF | 137 R77 | DT | 80K4 | 305 | 246 |
| | 0.55 | 2484 | 53400 | | | | | | |
| | 0.62 | 2242 | 53400 | R | 137 R77 | DT | 80N4 | 285 | 246 |
| 0.74 | 1863 | 53400 | RF | 137 R77 | DT | 80N4 | 305 | 246 | |
| 0.88 | 1586 | 53400 | | | | | | | |
| 1.0 | 1391 | 53400 | R | 137 R77 | DT | 90S4 | 290 | 246 | |
| 1.1 | 1256 | 53400 | RF | 137 R77 | DT | 90S4 | 310 | 246 | |





| $M_{a \max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|----------------------|------------------|-------|----------------------|--|---------|-------|-------|-------------|---|
| 8000 | 1.3 | 1105 | 53400 | R | 137 R77 | DT | 90L4 | 290 | 246 |
| | 1.4 | 1043 | 53400 | RF | 137 R77 | DT | 90L4 | 315 | 246 |
| | 1.6 | 888 | 53400 | | | | | | |
| | 2.0 | 699 | 53400 | R | 137 R77 | DV | 100M4 | 295 | 246 |
| | 2.3 | 609 | 53400 | RF | 137 R77 | DV | 100M4 | 320 | 246 |
| | 0.51 | 2658 | 53400 | R | 137 R77 | DT | 80K4 | 290 | 246 |
| | 0.56 | 2412 | 53400 | RF | 137 R77 | DT | 80K4 | 315 | 246 |
| | 0.67 | 2073 | 53400 | R | 137 R77 | DT | 80N4 | 295 | 246 |
| | 0.75 | 1839 | 53400 | RF | 137 R77 | DT | 80N4 | 315 | 246 |
| | 0.88 | 1598 | 53400 | R | 137 R77 | DT | 90S4 | 300 | 246 |
| | 1.0 | 1397 | 53400 | RF | 137 R77 | DT | 90S4 | 320 | 246 |
| | 1.1 | 1226 | 53400 | | | | | | |
| | 1.3 | 1090 | 53400 | R | 137 R77 | DT | 90L4 | 300 | 246 |
| | 1.5 | 951 | 53400 | RF | 137 R77 | DT | 90L4 | 320 | 246 |
| | 1.7 | 831 | 53400 | R | 137 R77 | DV | 100M4 | 305 | 246 |
| | 1.9 | 730 | 53400 | RF | 137 R77 | DV | 100M4 | 330 | 246 |
| | 2.2 | 629 | 53400 | | | | | | |
| | 2.5 | 560 | 53400 | R | 137 R77 | DV | 100L4 | 310 | 246 |
| | 2.9 | 490 | 53400 | RF | 137 R77 | DV | 100L4 | 335 | 246 |
| | 3.3 | 428 | 53400 | R | 137 R77 | DV | 112M4 | 315 | 246 |
| | 3.7 | 381 | 53400 | RF | 137 R77 | DV | 112M4 | 340 | 246 |
| | 4.4 | 323 | 53400 | R | 137 R77 | DV | 132S4 | 325 | 246 |
| | 4.9 | 291 | 53400 | RF | 137 R77 | DV | 132S4 | 345 | 246 |
| | 5.6 | 255 | 53400 | | | | | | |
| 2.5 | 564 | 53400 | R | 137 R77 | DV | 100L4 | 300 | 246 | |
| 2.7 | 517 | 53400 | RF | 137 R77 | DV | 100L4 | 325 | 246 | |
| 3.1 | 453 | 53400 | | | | | | | |
| 3.8 | 376 | 53400 | R | 137 R77 | DV | 112M4 | 305 | 246 | |
| 4.2 | 339 | 53400 | RF | 137 R77 | DV | 112M4 | 330 | 246 | |
| 4.8 | 297 | 53400 | R | 137 R77 | DV | 132S4 | 315 | 246 | |
| | | | RF | 137 R77 | DV | 132S4 | 335 | 246 | |
| 13000 | 0.06 | 23401 | 62700 | R | 147 R77 | DR | 63S4 | 420 | 246 |
| | 0.06 | 21342 | 62700 | RF | 147 R77 | DR | 63S4 | 430 | 246 |
| | 0.07 | 18210 | 62700 | R | 147 R77 | DR | 63M4 | 420 | 246 |
| | 0.08 | 15923 | 62700 | RF | 147 R77 | DR | 63M4 | 430 | 246 |
| | 0.09 | 14075 | 62700 | | | | | | |
| | 0.11 | 12344 | 62700 | R | 147 R77 | DR | 63L4 | 420 | 246 |
| | 0.12 | 11143 | 62700 | RF | 147 R77 | DR | 63L4 | 430 | 246 |
| | 0.13 | 9743 | 62700 | | | | | | |
| | 0.16 | 8443 | 62700 | R | 147 R77 | DT | 71D4 | 420 | 246 |
| | 0.19 | 7307 | 62700 | RF | 147 R77 | DT | 71D4 | 430 | 246 |
| | 0.21 | 6447 | 62700 | | | | | | |
| | 0.24 | 5568 | 62700 | R | 147 R77 | DT | 80K4 | 425 | 246 |
| | 0.28 | 4926 | 62700 | RF | 147 R77 | DT | 80K4 | 430 | 246 |
| | 0.31 | 4325 | 62700 | | | | | | |
| | 0.37 | 3754 | 62700 | R | 147 R77 | DT | 80N4 | 425 | 246 |
| | 0.42 | 3302 | 62700 | RF | 147 R77 | DT | 80N4 | 435 | 246 |
| | 0.48 | 2898 | 62700 | | | | | | |
| | 0.55 | 2555 | 62700 | R | 147 R77 | DT | 90S4 | 430 | 246 |
| | 0.63 | 2211 | 62700 | RF | 147 R77 | DT | 90S4 | 440 | 246 |
| | 0.72 | 1951 | 62700 | | | | | | |
| | 0.83 | 1705 | 62700 | R | 147 R77 | DT | 90L4 | 430 | 246 |
| 0.92 | 1536 | 62700 | RF | 147 R77 | DT | 90L4 | 440 | 246 | |



| $M_{a \max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | | | | m [kg] |  |
|----------------------|------------------|--------|----------------------|--|---------|--------|--------|-------------|---|
| 13000 | 1.1 | 1329 | 62700 | R | 147 R77 | DV | 100M4 | 435 | 246 |
| | 1.2 | 1166 | 62700 | RF | 147 R77 | DV | 100M4 | 445 | 246 |
| | 1.4 | 1029 | 62700 | | | | | | |
| | 1.6 | 889 | 62700 | R | 147 R77 | DV | 100L4 | 440 | 246 |
| | 1.8 | 784 | 62700 | RF | 147 R77 | DV | 100L4 | 450 | 246 |
| | 2.0 | 695 | 62700 | R | 147 R77 | DV | 112M4 | 445 | 246 |
| | 2.3 | 619 | 62700 | RF | 147 R77 | DV | 112M4 | 455 | 246 |
| | 2.5 | 558 | 62700 | | | | | | |
| | 2.9 | 489 | 62700 | R | 147 R77 | DV | 132S4 | 455 | 246 |
| | | | | RF | 147 R77 | DV | 132S4 | 465 | 246 |
| | 2.7 | 533 | 62700 | R | 147 R87 | DV | 112M4 | 470 | 246 |
| | | | | RF | 147 R87 | DV | 112M4 | 475 | 246 |
| | 3.1 | 462 | 62700 | R | 147 R87 | DV | 132S4 | 475 | 246 |
| | 3.4 | 426 | 62700 | RF | 147 R87 | DV | 132S4 | 480 | 246 |
| | 3.9 | 368 | 62700 | R | 147 R87 | DV | 132M4 | 495 | 246 |
| | 4.4 | 326 | 62700 | RF | 147 R87 | DV | 132M4 | 500 | 246 |
| | 5.1 | 280 | 62700 | R | 147 R87 | DV | 132ML4 | 500 | 246 |
| | 5.8 | 247 | 62700 | RF | 147 R87 | DV | 132ML4 | 510 | 246 |
| 6.7 | 214 | 62700 | R | 147 R87 | DV | 160M4 | 510 | 246 | |
| | | | RF | 147 R87 | DV | 160M4 | 520 | 246 | |
| 18000 | 0.05 | 27001 | 120000 | | | | | | |
| | 0.06 | 22482 | 120000 | | | | | | |
| | 0.07 | 20002 | 120000 | | | | | | |
| | 0.08 | 17361 | 120000 | | | | | | |
| | 0.09 | 15446 | 120000 | R | 167 R97 | DT | 80K4 | 750 | 246 |
| | 0.10 | 14051 | 120000 | RF | 167 R97 | DT | 80K4 | 760 | 246 |
| | 0.12 | 11812 | 120000 | | | | | | |
| | 0.13 | 10509 | 120000 | | | | | | |
| | 0.14 | 9631 | 120000 | | | | | | |
| | 0.18 | 7749 | 120000 | R | 167 R97 | DT | 90S4 | 760 | 246 |
| | 0.20 | 6894 | 120000 | RF | 167 R97 | DT | 90S4 | 770 | 246 |
| | 0.22 | 6077 | 120000 | R | 167 R97 | DT | 80K4 | 750 | 246 |
| | | | | RF | 167 R97 | DT | 80K4 | 760 | 246 |
| | 0.26 | 5407 | 120000 | R | 167 R97 | DT | 80N4 | 750 | 246 |
| | 0.30 | 4650 | 120000 | RF | 167 R97 | DT | 80N4 | 760 | 246 |
| | 0.33 | 4129 | 120000 | | | | | | |
| | 0.38 | 3692 | 120000 | R | 167 R97 | DT | 90S4 | 760 | 246 |
| | | | | RF | 167 R97 | DT | 90S4 | 770 | 246 |
| | 0.53 | 2657 | 120000 | R | 167 R97 | DT | 90L4 | 760 | 246 |
| | 0.60 | 2333 | 120000 | RF | 167 R97 | DT | 90L4 | 760 | 246 |
| | 0.68 | 2085 | 120000 | | | | | | |
| | 0.75 | 1877 | 120000 | R | 167 R97 | DV | 100M4 | 770 | 246 |
| | 0.84 | 1670 | 120000 | RF | 167 R97 | DV | 100M4 | 770 | 246 |
| | 0.98 | 1438 | 120000 | | | | | | |
| | 1.1 | 1279 | 120000 | R | 167 R97 | DV | 100L4 | 770 | 246 |
| | 1.2 | 1123 | 120000 | RF | 167 R97 | DV | 100L4 | 780 | 246 |
| | 1.4 | 999 | 120000 | | | | | | |
| | 1.7 | 861 | 120000 | R | 167 R97 | DV | 112M4 | 780 | 246 |
| | 1.9 | 760 | 120000 | RF | 167 R97 | DV | 112M4 | 780 | 246 |
| | 2.2 | 656 | 120000 | R | 167 R97 | DV | 132S4 | 780 | 246 |
| 2.5 | 579 | 120000 | RF | 167 R97 | DV | 132S4 | 790 | 246 | |
| 2.8 | 503 | 120000 | R | 167 R97 | DV | 132M4 | 800 | 246 | |
| 3.3 | 432 | 120000 | RF | 167 R97 | DV | 132M4 | 810 | 246 | |
| 3.8 | 376 | 120000 | R | 167 R97 | DV | 132ML4 | 810 | 246 | |
| 4.3 | 335 | 120000 | RF | 167 R97 | DV | 132ML4 | 820 | 246 | |

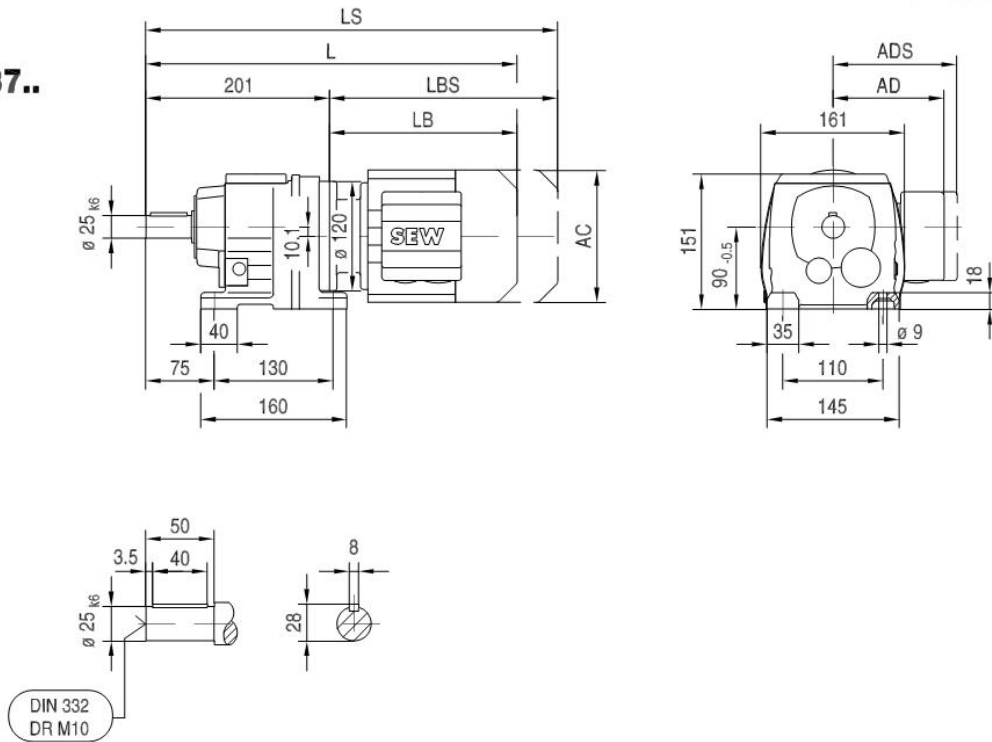


| $M_{a\ max}$ [Nm] | n_a [1/min] | i | $F_{Ra}^{1)}$ [N] |  | m [kg] |  | | | |
|----------------------|------------------|-----|----------------------|--|-------------|---|-------|-----|-----|
| 18000 | 4.8 | 303 | 120000 | R | 167 R97 | DV | 160M4 | 820 | 246 |
| | 5.2 | 279 | 120000 | RF | 167 R97 | DV | 160M4 | 820 | 246 |
| | 4.9 | 295 | 120000 | R | 167 R107 | DV | 160M4 | 860 | 246 |
| | 5.3 | 270 | 120000 | RF | 167 R107 | DV | 160M4 | 870 | 246 |
| | 6.4 | 229 | 120000 | R | 167 R107 | DV | 160L4 | 900 | 246 |
| | 7.3 | 200 | 120000 | RF | 167 R107 | DV | 160L4 | 910 | 246 |
| | 5.0 | 291 | 120000 | R | 167 R107 | DV | 160M4 | 860 | 246 |
| | | | | RF | 167 R107 | DV | 160M4 | 860 | 246 |
| | 5.5 | 264 | 120000 | R | 167 R107 | DV | 160L4 | 900 | 246 |
| | 6.4 | 227 | 120000 | RF | 167 R107 | DV | 160L4 | 900 | 246 |
| | 7.4 | 198 | 120000 | | | | | | |

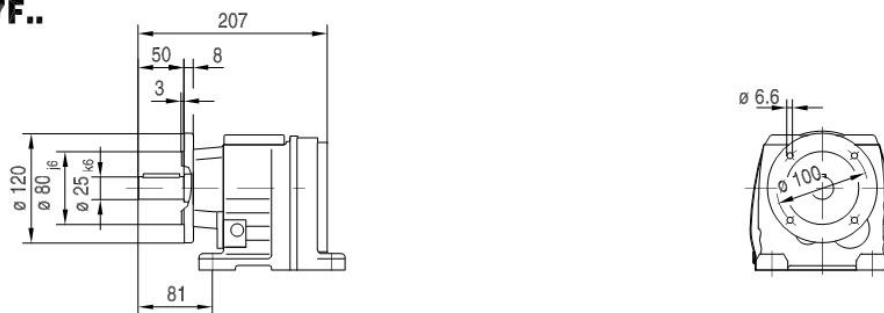


04 003 03 00

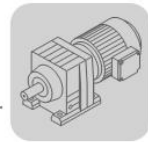
R37..



R37F..

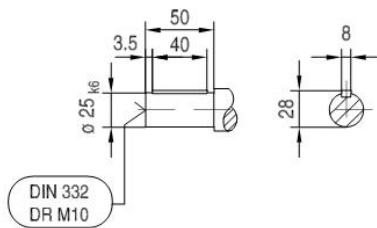
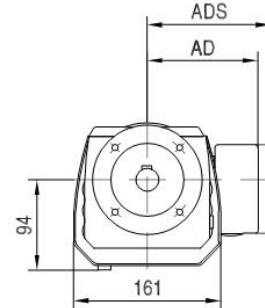
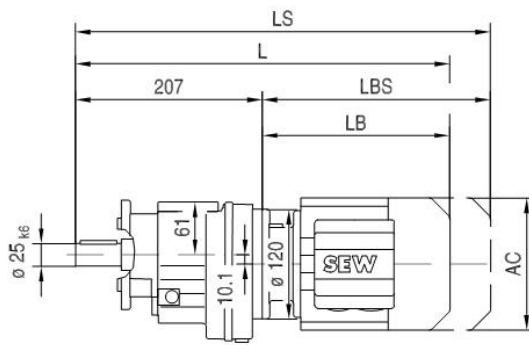


| (U) 102 | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | | | | |
|---------|--------|-------|--------|--------|--------|--------|--|--|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | | | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | | | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | | | | |
| L | 392 | 407 | 457 | 477 | 529 | 559 | | | | |
| LS | 447 | 470 | 520 | 562 | 614 | 644 | | | | |
| LB | 191 | 206 | 256 | 276 | 328 | 358 | | | | |
| LBS | 246 | 269 | 319 | 361 | 413 | 443 | | | | |

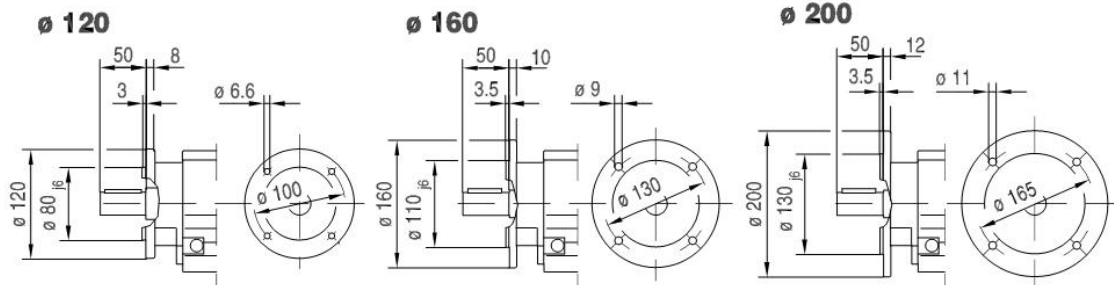


RF37..

04 016 03 00



8

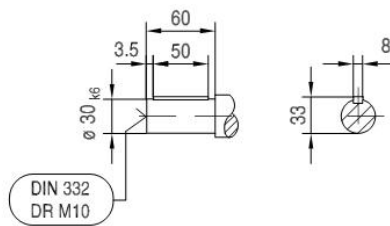
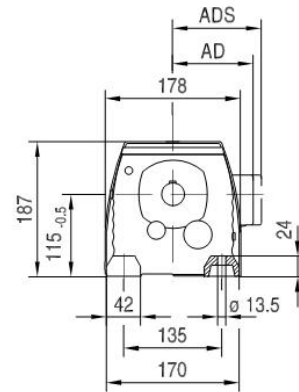
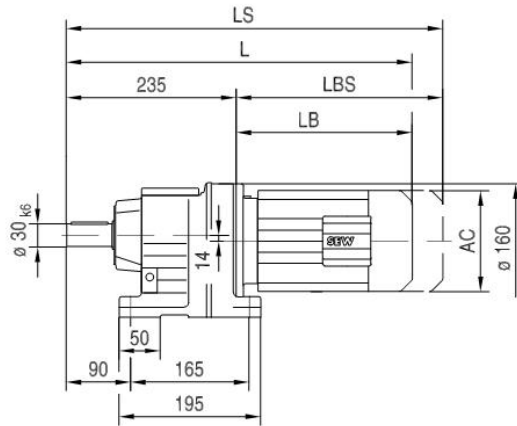


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | | | | |
|----------|--------|-------|--------|--------|--------|--------|--|--|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | | | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | | | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | | | | |
| L | 398 | 413 | 463 | 483 | 535 | 565 | | | | |
| LS | 453 | 476 | 526 | 568 | 620 | 650 | | | | |
| LB | 191 | 206 | 256 | 276 | 328 | 358 | | | | |
| LBS | 246 | 269 | 319 | 361 | 413 | 443 | | | | |

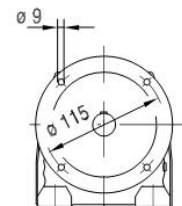
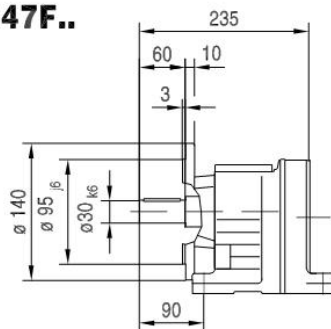


04 004 03 00

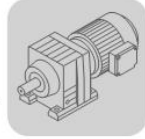
R47..



R47F..

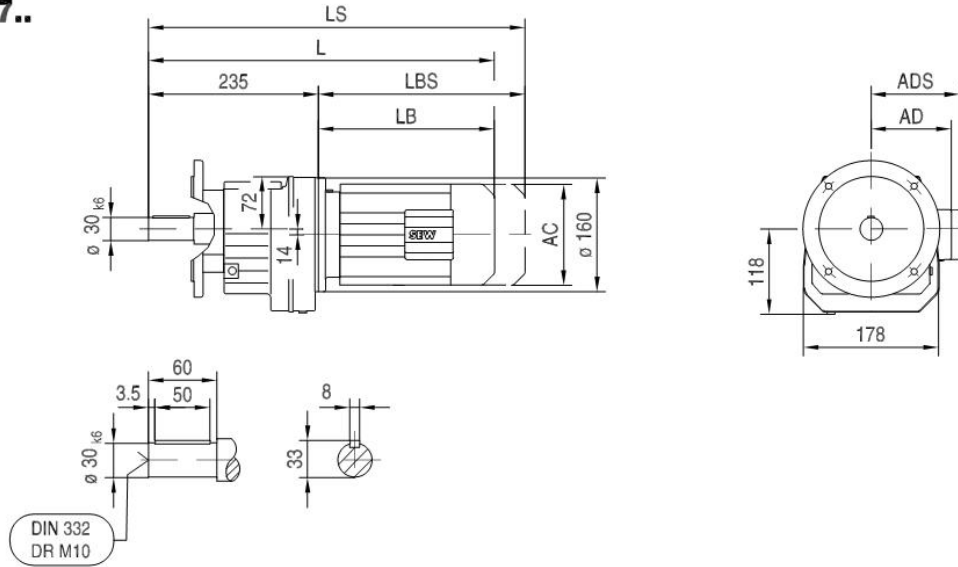


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | | | |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | | | |
| L | 420 | 434 | 484 | 504 | 554 | 584 | 589 | 637 | | | |
| LS | 475 | 498 | 548 | 589 | 639 | 669 | 669 | 717 | | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | | | |

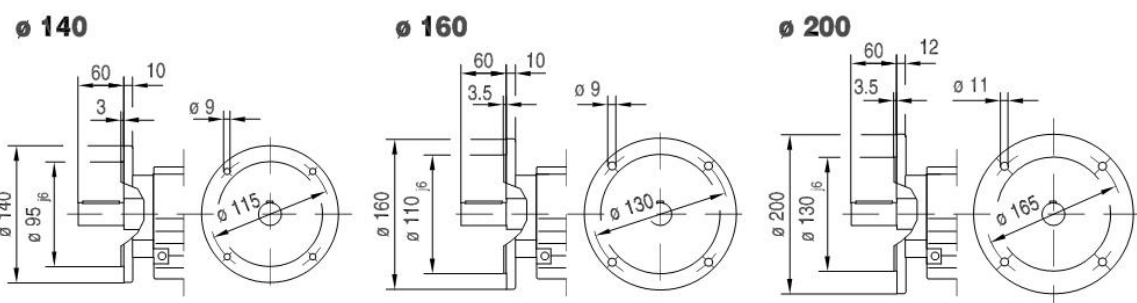


04 017 03 00

RF47..



8

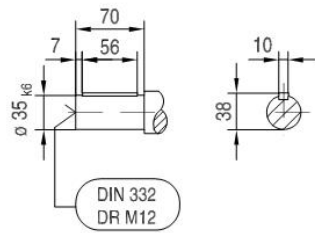
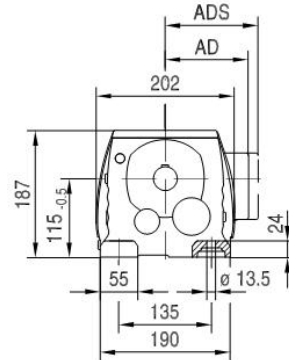
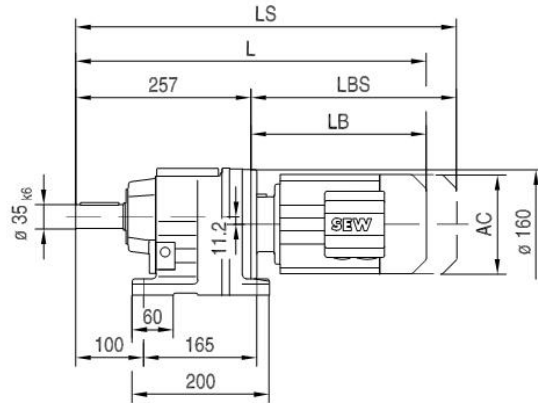


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | | | |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | | | |
| L | 420 | 434 | 484 | 504 | 554 | 584 | 589 | 637 | | | |
| LS | 475 | 498 | 548 | 589 | 639 | 669 | 669 | 717 | | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | | | |

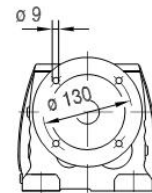
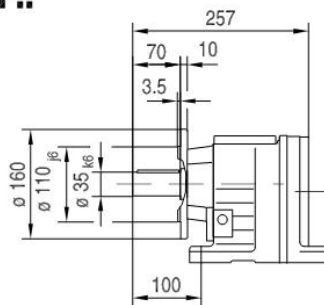


04 005 02 00

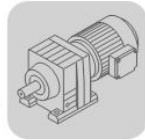
R57..



R57F..

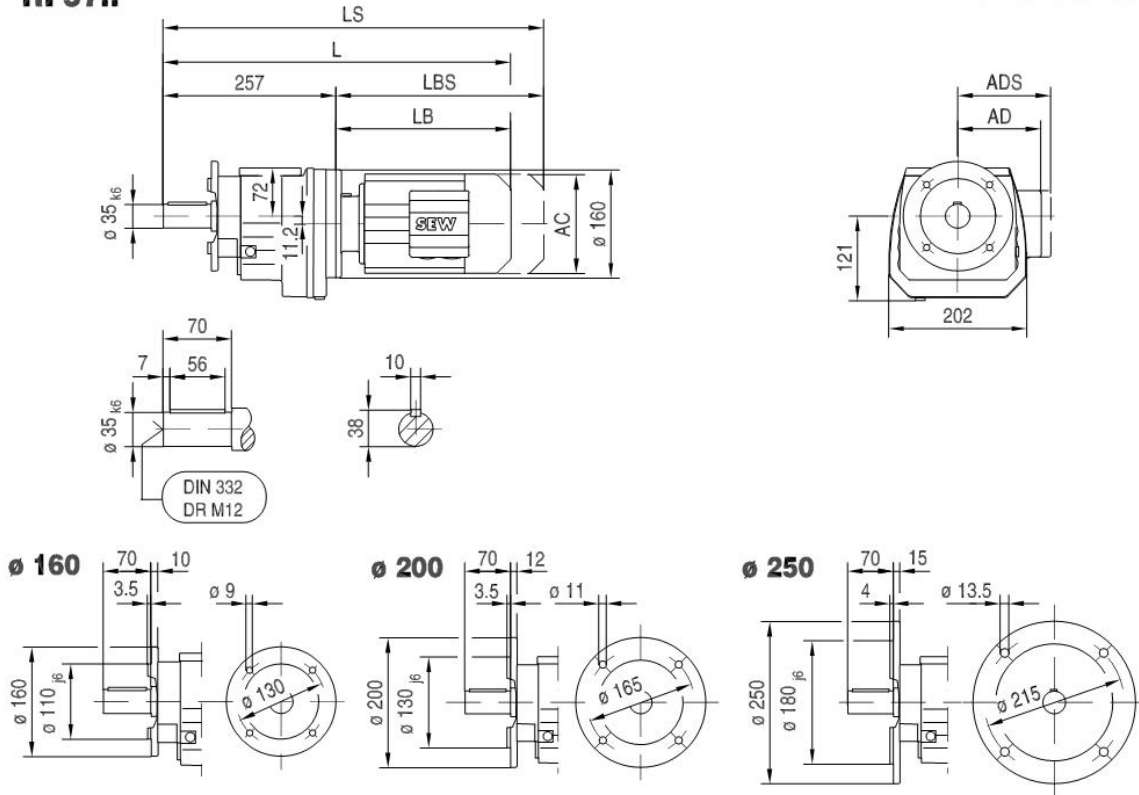


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | | |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | | |
| L | 442 | 456 | 506 | 526 | 576 | 606 | 611 | 659 | 681 | | |
| LS | 497 | 520 | 570 | 611 | 661 | 691 | 691 | 739 | 793 | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | 424 | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | 536 | | |



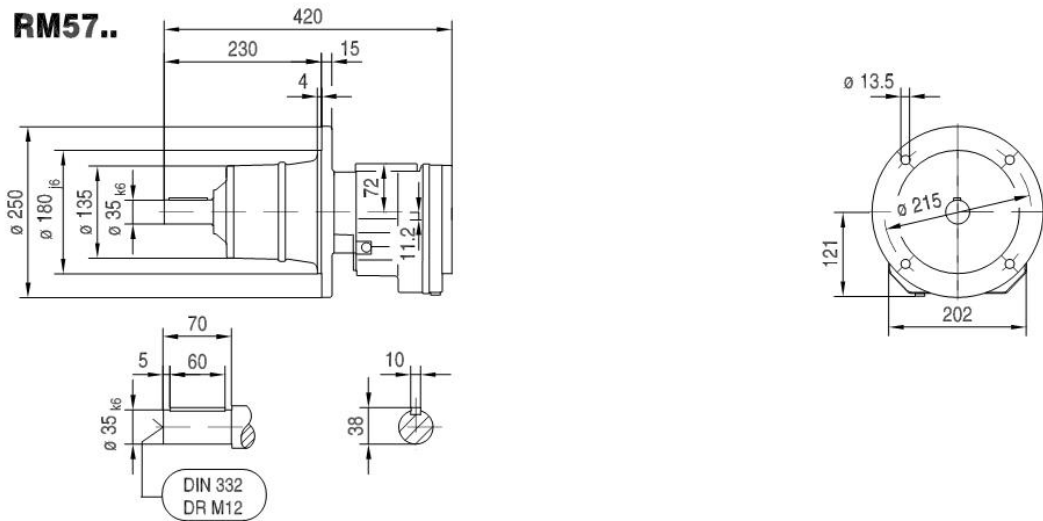
RF57..

04 018 02 00



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RM57..

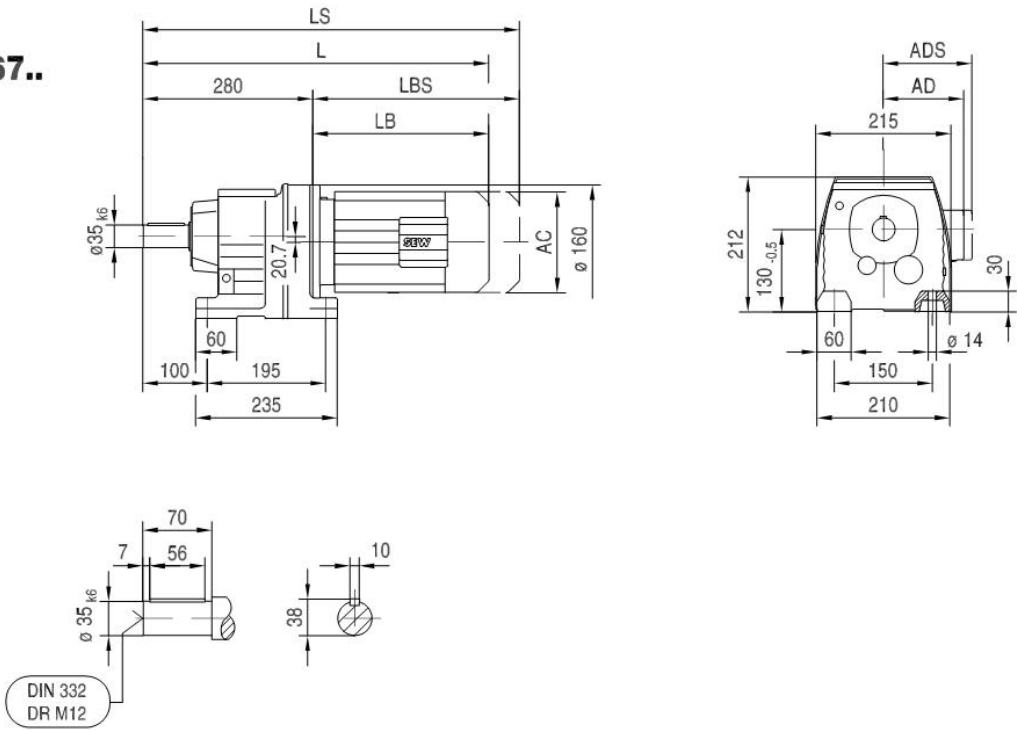


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | | |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | | |
| L | 442 | 456 | 506 | 526 | 576 | 606 | 611 | 659 | 681 | | |
| LS | 497 | 520 | 570 | 611 | 661 | 691 | 691 | 739 | 793 | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | 424 | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | 536 | | |



04 006 02 00

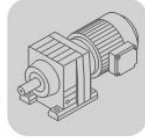
R67..



R67F..

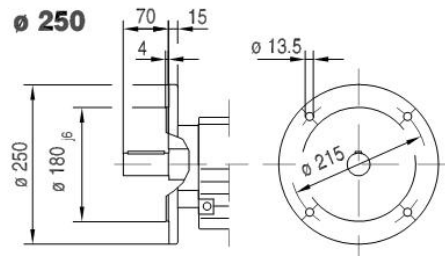
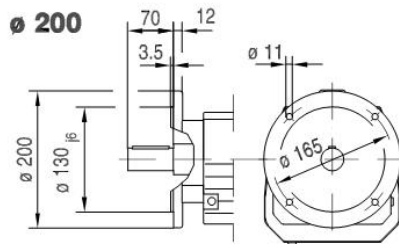
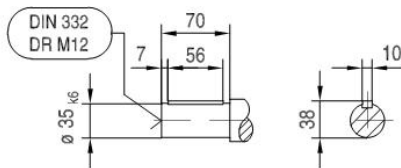
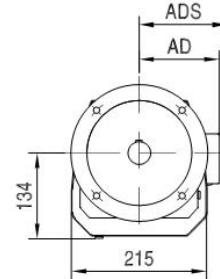
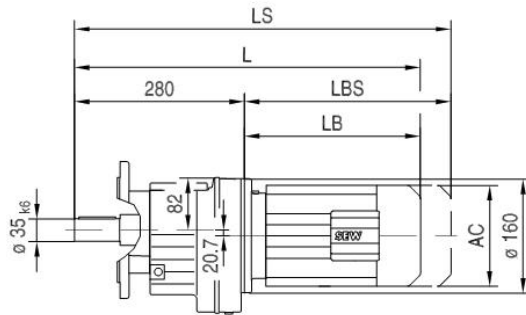


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | | |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | | |
| L | 465 | 479 | 529 | 549 | 599 | 629 | 634 | 682 | 704 | | |
| LS | 520 | 543 | 593 | 634 | 684 | 714 | 714 | 762 | 816 | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | 424 | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | 536 | | |

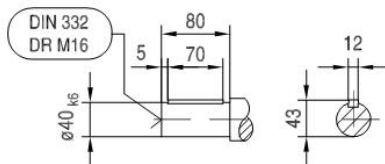
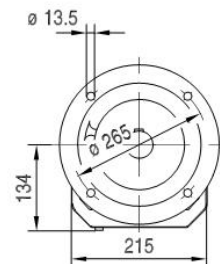
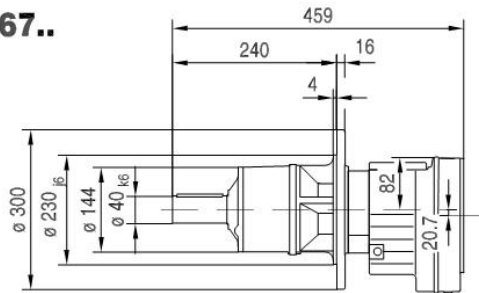


04 019 02 00

RF67..



RM67..

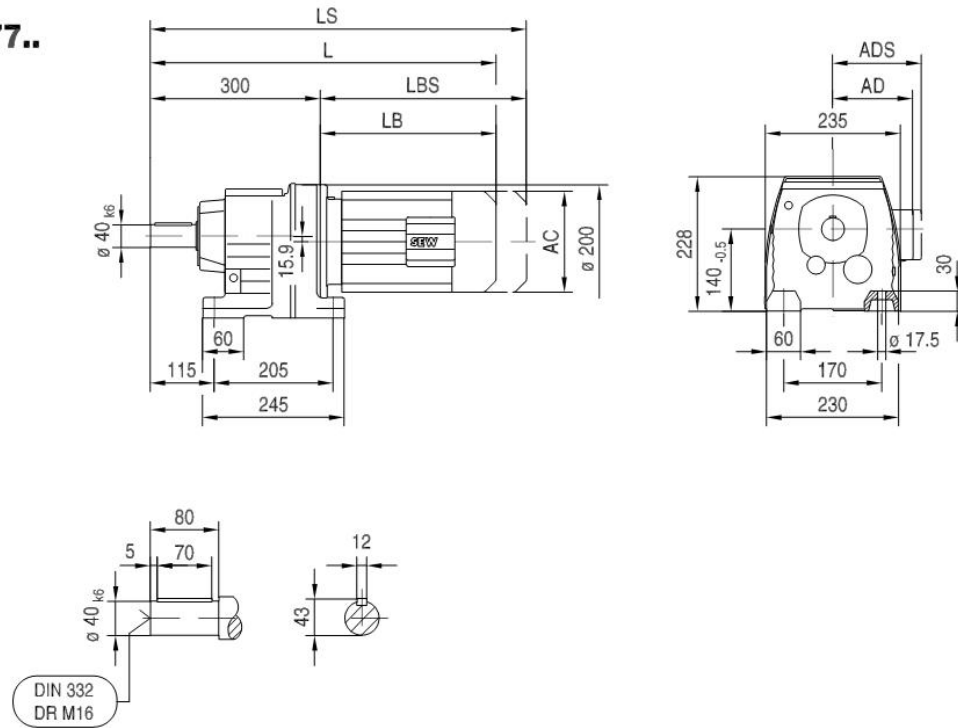


| (U) 102 | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | | |
|---------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|--|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | | |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | | |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | | |
| L | 465 | 479 | 529 | 549 | 599 | 629 | 634 | 682 | 704 | | |
| LS | 520 | 543 | 593 | 634 | 684 | 714 | 714 | 762 | 816 | | |
| LB | 185 | 199 | 249 | 269 | 319 | 349 | 354 | 402 | 424 | | |
| LBS | 240 | 263 | 313 | 354 | 404 | 434 | 434 | 482 | 536 | | |

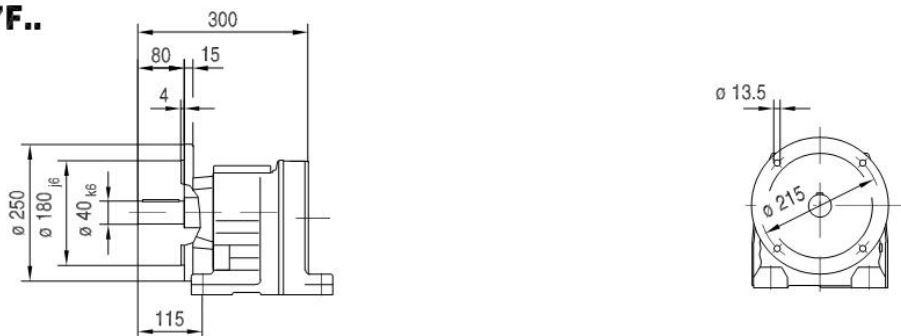


04 007 02 00

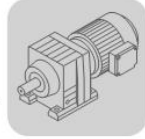
R77..



R77F..

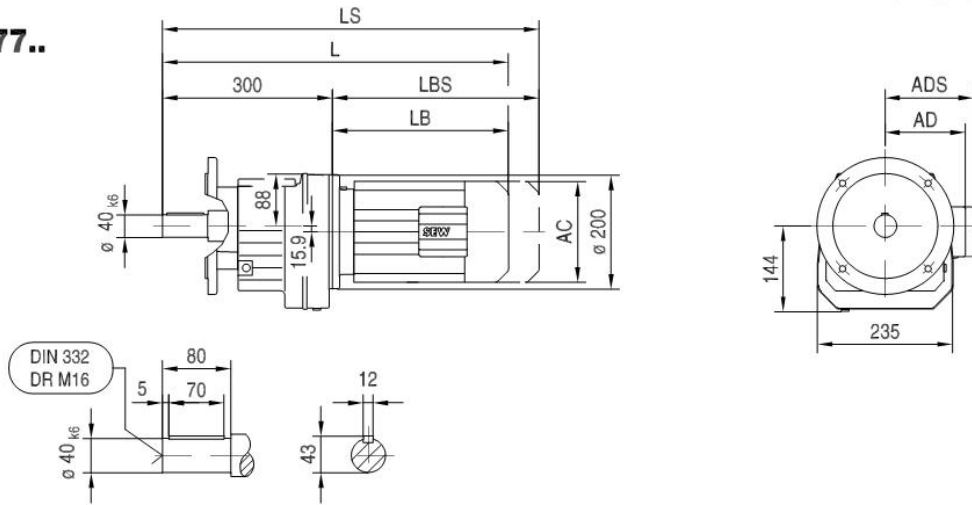


| (U) 102) | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 |
| L | 479 | 493 | 543 | 561 | 611 | 641 | 645 | 690 | 712 | 772 | 772 |
| LS | 534 | 557 | 607 | 646 | 696 | 726 | 725 | 770 | 824 | 884 | 884 |
| LB | 179 | 193 | 243 | 261 | 311 | 341 | 345 | 390 | 412 | 472 | 472 |
| LBS | 234 | 257 | 307 | 346 | 396 | 426 | 425 | 470 | 524 | 584 | 584 |

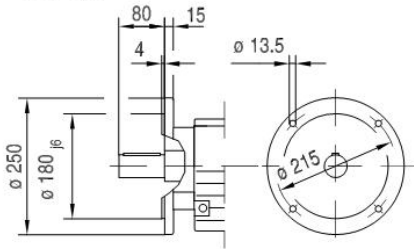


04 020 02 00

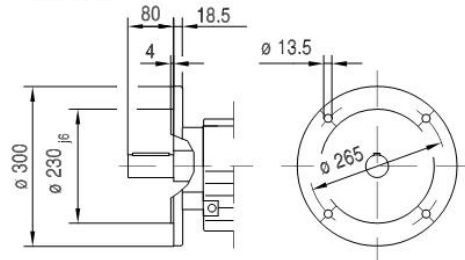
RF77..



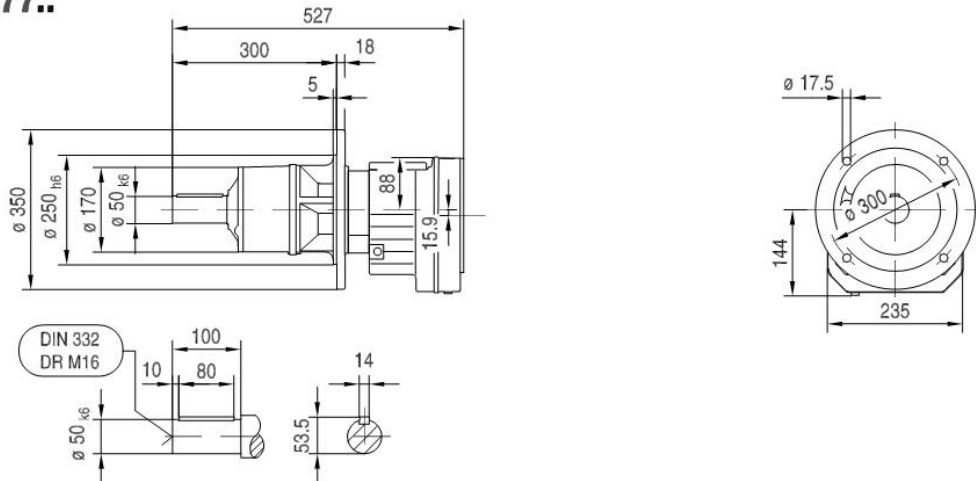
$\varnothing 250$



$\varnothing 300$



RM77..

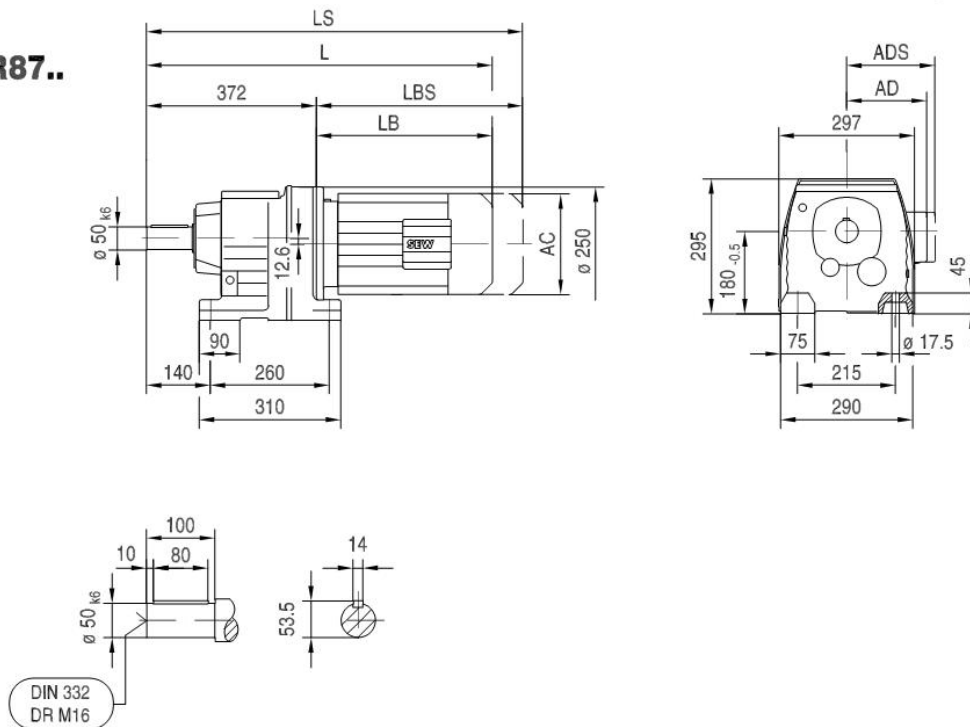


| (U) 102 | DR63.. | DT71D | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M |
|---------|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| AC | 132 | 145 | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 |
| AD | 105 | 122 | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 |
| ADS | 105 | 127 | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 |
| L | 479 | 493 | 543 | 561 | 611 | 641 | 645 | 690 | 712 | 772 | 772 |
| LS | 534 | 557 | 607 | 646 | 696 | 726 | 725 | 770 | 824 | 884 | 884 |
| LB | 179 | 193 | 243 | 261 | 311 | 341 | 345 | 390 | 412 | 472 | 472 |
| LBS | 234 | 257 | 307 | 346 | 396 | 426 | 425 | 470 | 524 | 584 | 584 |

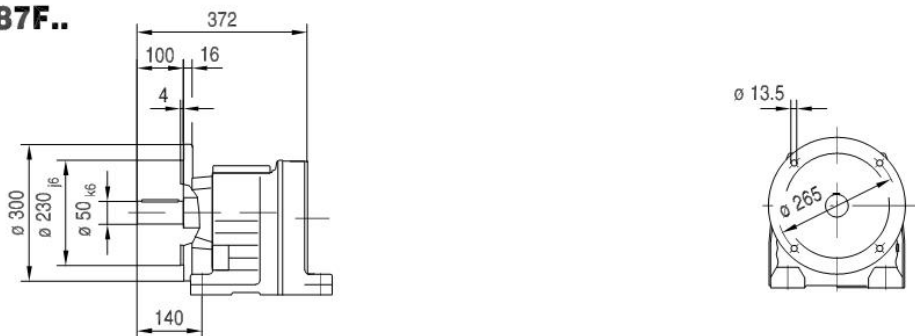


04 008 03 00

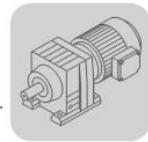
R87..



R87F..

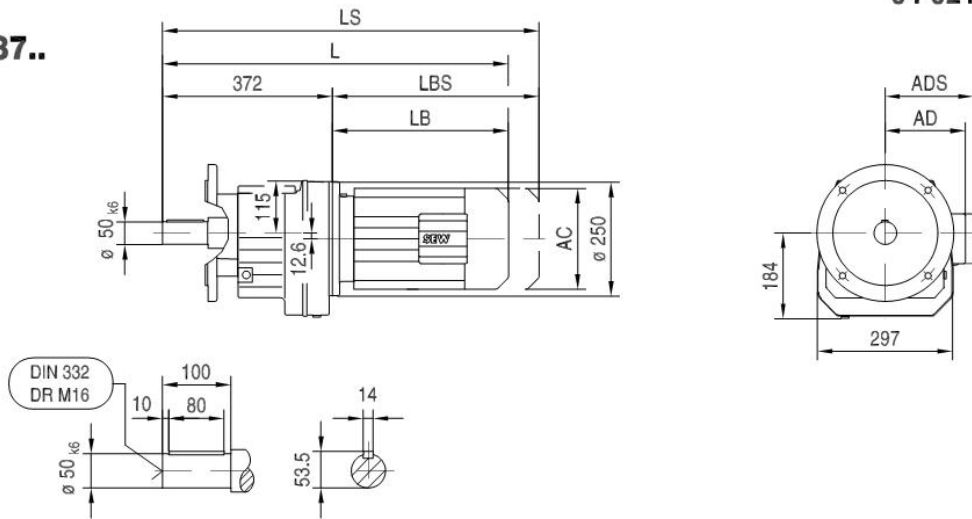


| (U) 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 |
| AD | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 |
| ADS | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 |
| L | 610 | 629 | 679 | 709 | 712 | 757 | 779 | 839 | 839 | 886 | 958 |
| LS | 674 | 714 | 764 | 794 | 792 | 837 | 891 | 951 | 951 | 1042 | 1114 |
| LB | 238 | 257 | 307 | 337 | 340 | 385 | 407 | 467 | 467 | 514 | 586 |
| LBS | 302 | 342 | 392 | 422 | 420 | 465 | 519 | 579 | 579 | 670 | 742 |

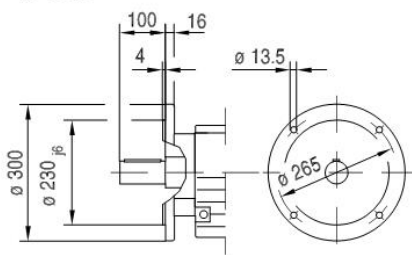


04 021 03 00

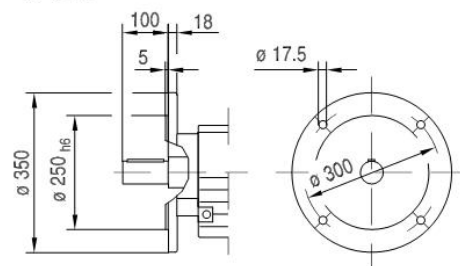
RF87..



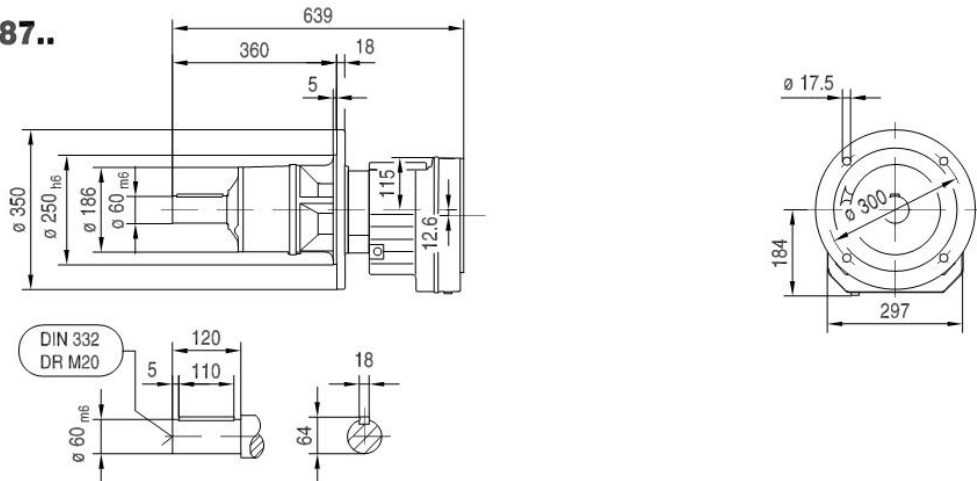
ø 300



ø 350



RM87..

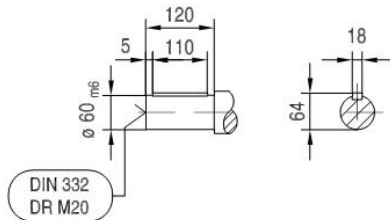
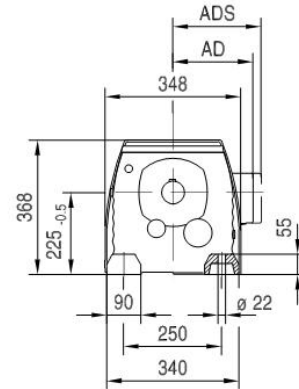
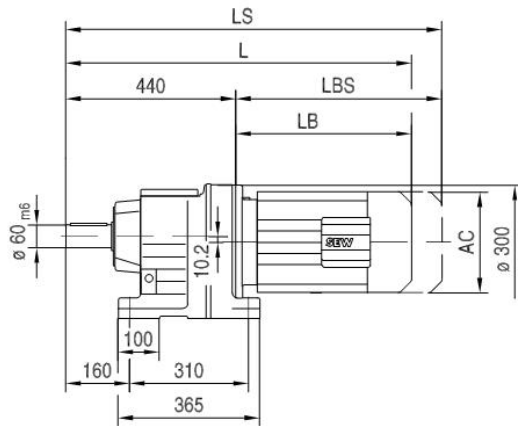


| (U) 102 | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. |
|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| AC | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 |
| AD | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 |
| ADS | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 |
| L | 610 | 629 | 679 | 709 | 712 | 757 | 779 | 839 | 839 | 886 | 958 |
| LS | 674 | 714 | 764 | 794 | 792 | 837 | 891 | 951 | 951 | 1042 | 1114 |
| LB | 238 | 257 | 307 | 337 | 340 | 385 | 407 | 467 | 467 | 514 | 586 |
| LBS | 302 | 342 | 392 | 422 | 420 | 465 | 519 | 579 | 579 | 670 | 742 |

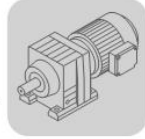


04 009 03 00

R97..

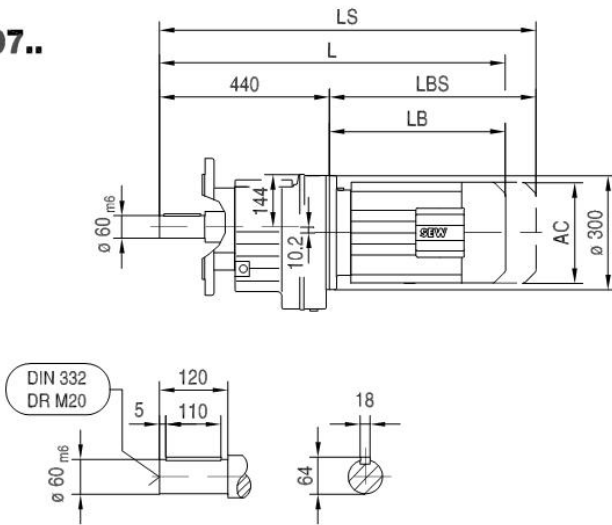


| (U) 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 | 394 |
| AD | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 | 285 |
| ADS | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 | 285 |
| L | 671 | 691 | 741 | 771 | 775 | 820 | 842 | 902 | 902 | 949 | 1021 | 1069 |
| LS | 735 | 776 | 826 | 856 | 855 | 900 | 954 | 1014 | 1014 | 1105 | 1177 | 1225 |
| LB | 231 | 251 | 301 | 331 | 335 | 380 | 402 | 462 | 462 | 509 | 581 | 629 |
| LBS | 295 | 336 | 386 | 416 | 415 | 460 | 514 | 574 | 574 | 665 | 737 | 785 |

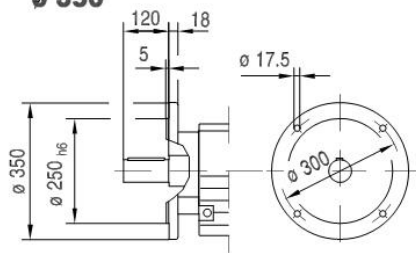


04 022 03 00

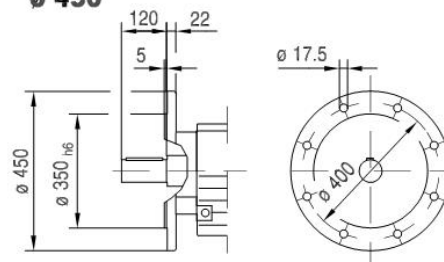
RF97..



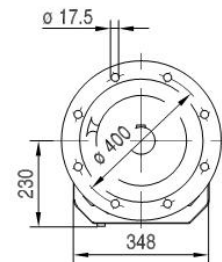
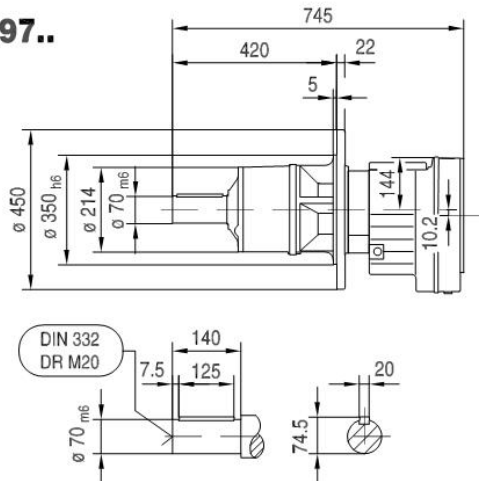
$\varnothing 350$



$\varnothing 450$



RM97..

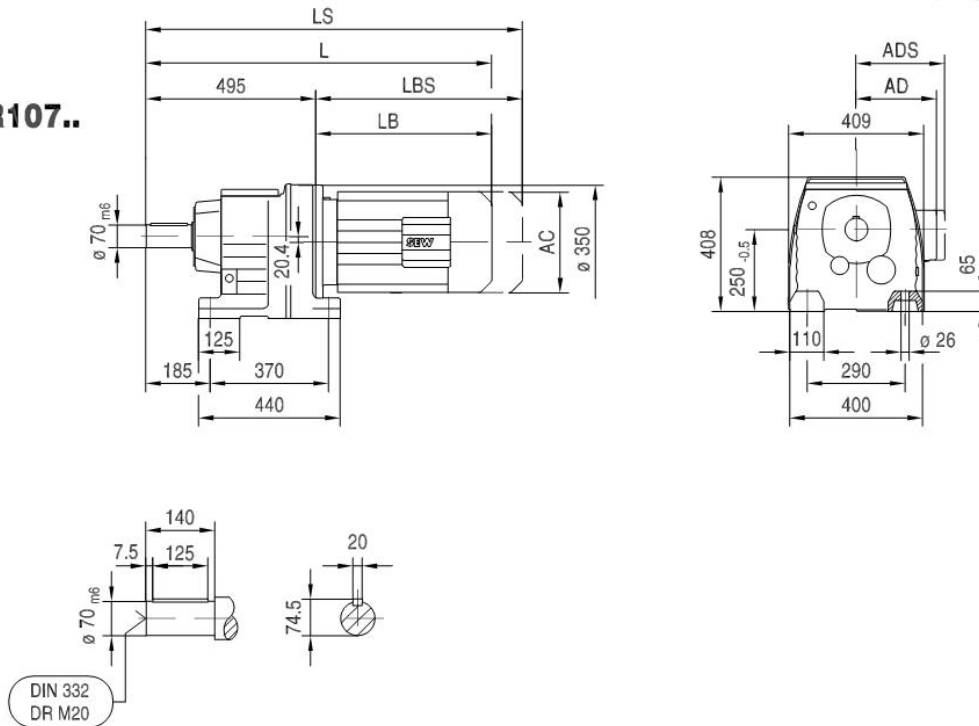


| (U) 102) | DT80.. | DT90.. | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. |
|----------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|
| AC | 145 | 197 | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 | 394 |
| AD | 122 | 154 | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 | 285 |
| ADS | 127 | 161 | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 | 285 |
| L | 671 | 691 | 741 | 771 | 775 | 820 | 842 | 902 | 902 | 949 | 1021 | 1069 |
| LS | 735 | 776 | 826 | 856 | 855 | 900 | 954 | 1014 | 1014 | 1105 | 1177 | 1225 |
| LB | 231 | 251 | 301 | 331 | 335 | 380 | 402 | 462 | 462 | 509 | 581 | 629 |
| LBS | 295 | 336 | 386 | 416 | 415 | 460 | 514 | 574 | 574 | 665 | 737 | 785 |

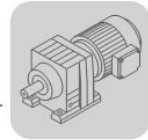


04 010 03 00

R107..

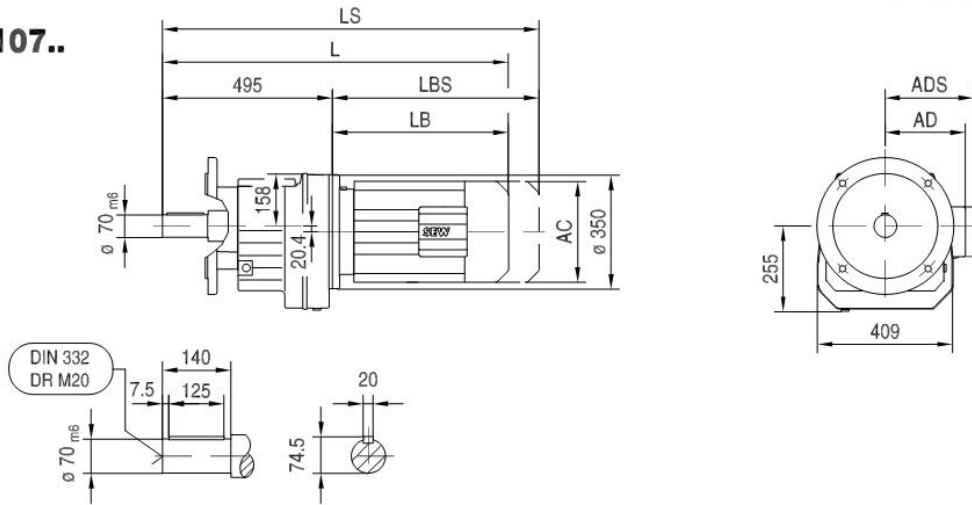


| (U) 102) | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |
|----------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|
| AC | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 | 394 | 394 |
| AD | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 | 285 | 289 |
| ADS | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 | 285 | 289 |
| L | 790 | 820 | 824 | 869 | 891 | 951 | 951 | 998 | 1070 | 1118 | 1200 |
| LS | 875 | 905 | 904 | 949 | 1003 | 1063 | 1063 | 1154 | 1226 | 1274 | 1356 |
| LB | 295 | 325 | 329 | 374 | 396 | 456 | 456 | 503 | 575 | 623 | 705 |
| LBS | 380 | 410 | 409 | 454 | 508 | 568 | 568 | 659 | 731 | 779 | 861 |

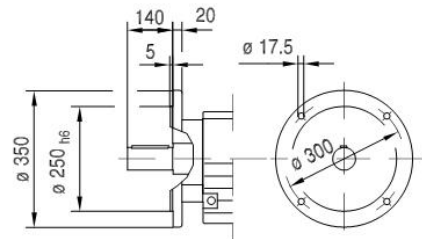


04 023 03 00

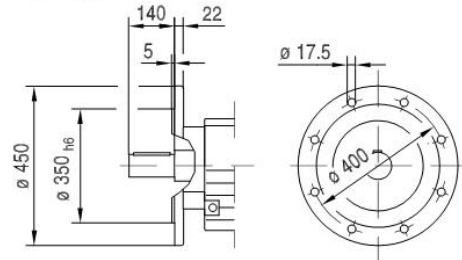
RF107..



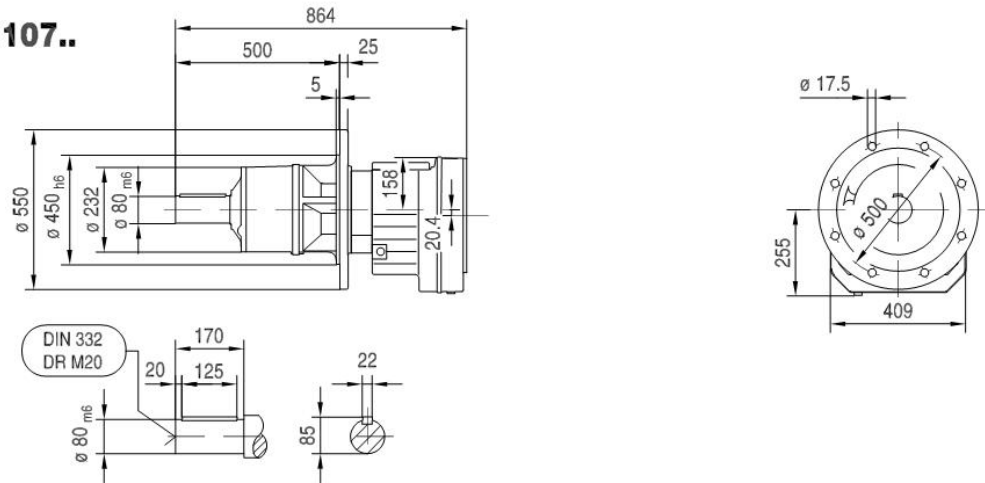
$\varnothing 350$



$\varnothing 450$



RM107..

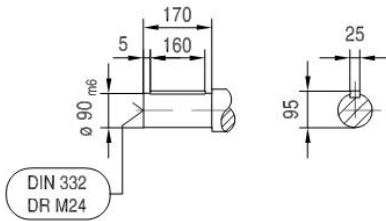
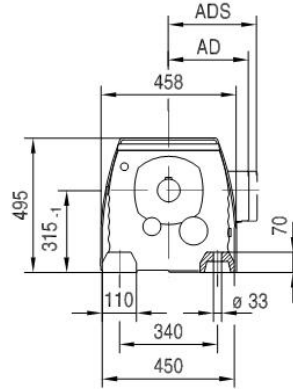
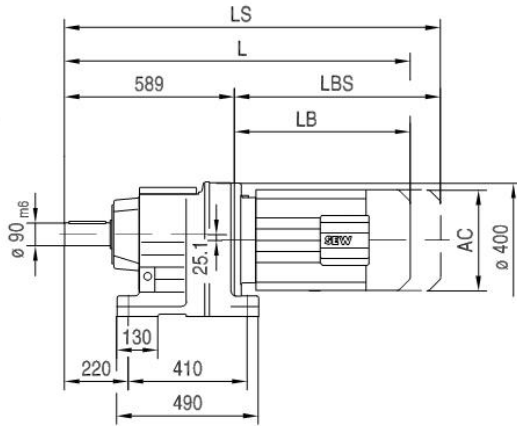


| (U) 102 | DV100M | DV100L | DV112M | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. |
|---------|--------|--------|--------|--------|--------|---------|--------|--------|---------|---------|---------|
| AC | 197 | 197 | 221 | 221 | 275 | 275 | 275 | 331 | 331 | 394 | 394 |
| AD | 166 | 166 | 179 | 179 | 230 | 230 | 230 | 258 | 258 | 285 | 289 |
| ADS | 166 | 166 | 182 | 182 | 230 | 230 | 230 | 258 | 258 | 285 | 289 |
| L | 790 | 820 | 824 | 869 | 891 | 951 | 951 | 998 | 1070 | 1118 | 1200 |
| LS | 875 | 905 | 904 | 949 | 1003 | 1063 | 1063 | 1154 | 1226 | 1274 | 1356 |
| LB | 295 | 325 | 329 | 374 | 396 | 456 | 456 | 503 | 575 | 623 | 705 |
| LBS | 380 | 410 | 409 | 454 | 508 | 568 | 568 | 659 | 731 | 779 | 861 |



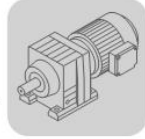
04 011 03 00

R137..



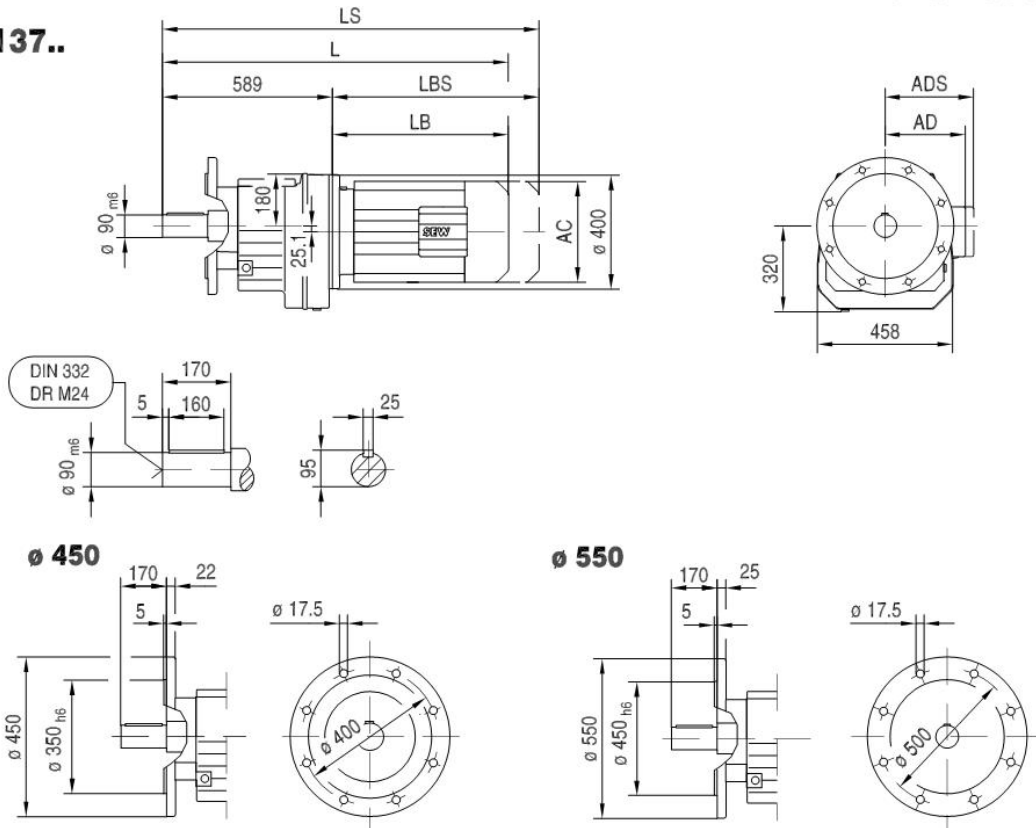
DIN 332
DR M24

| (U) 102) | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | | |
|----------|--------|--------|---------|--------|--------|---------|---------|---------|--------|--|--|
| AC | 221 | 275 | 275 | 275 | 331 | 331 | 394 | 394 | 510 | | |
| AD | 179 | 230 | 230 | 230 | 258 | 258 | 285 | 289 | 397 | | |
| ADS | 182 | 230 | 230 | 230 | 258 | 258 | 285 | 289 | 397 | | |
| L | 956 | 978 | 1038 | 1038 | 1085 | 1157 | 1205 | 1287 | 1378 | | |
| LS | 1036 | 1090 | 1150 | 1150 | 1241 | 1313 | 1361 | 1443 | 1563 | | |
| LB | 367 | 389 | 449 | 449 | 496 | 568 | 616 | 698 | 789 | | |
| LBS | 447 | 501 | 561 | 561 | 652 | 724 | 772 | 854 | 974 | | |



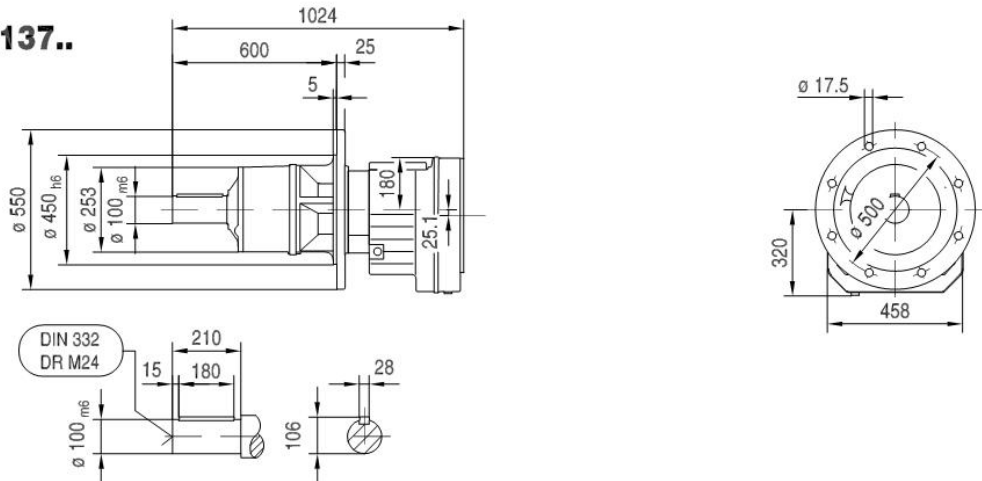
04 024 03 00

RF137..



8

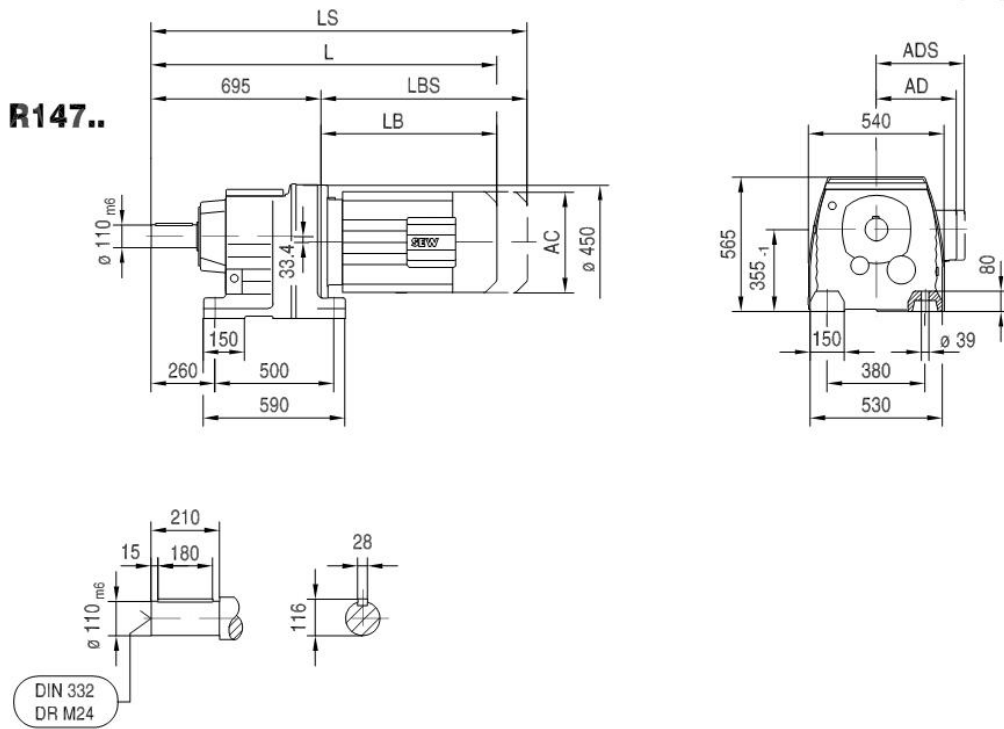
RM137..



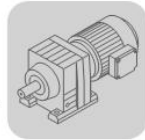
| (U) 102) | DV132S | DV132M | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | | |
|----------|--------|--------|---------|--------|--------|---------|---------|---------|--------|--|--|
| AC | 221 | 275 | 275 | 275 | 331 | 331 | 394 | 394 | 510 | | |
| AD | 179 | 230 | 230 | 230 | 258 | 258 | 285 | 289 | 397 | | |
| ADS | 182 | 230 | 230 | 230 | 258 | 258 | 285 | 289 | 397 | | |
| L | 956 | 978 | 1038 | 1038 | 1085 | 1157 | 1205 | 1287 | 1378 | | |
| LS | 1036 | 1090 | 1150 | 1150 | 1241 | 1313 | 1361 | 1443 | 1563 | | |
| LB | 367 | 389 | 449 | 449 | 496 | 568 | 616 | 698 | 789 | | |
| LBS | 447 | 501 | 561 | 561 | 652 | 724 | 772 | 854 | 974 | | |



04 012 03 00

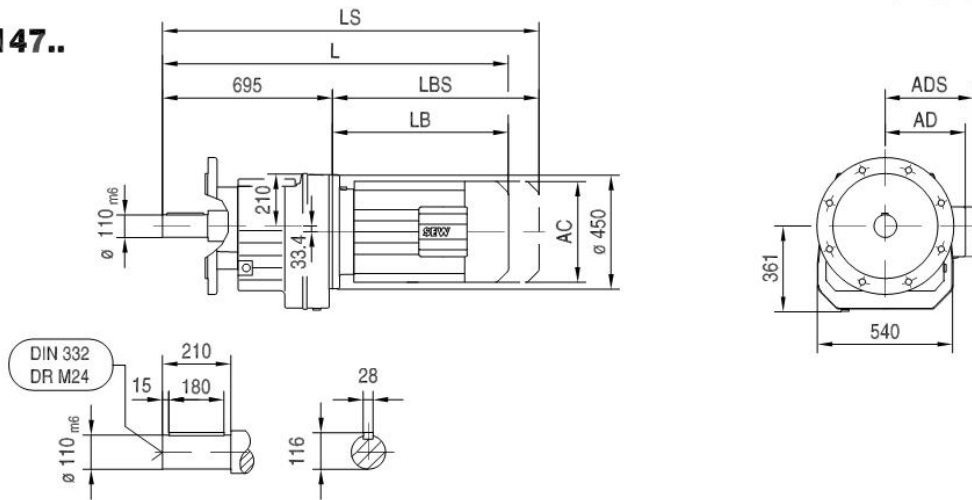


| (U) 102) | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | | |
|----------|---------|--------|--------|---------|---------|---------|--------|--------|-------|--|--|
| AC | 275 | 275 | 331 | 331 | 394 | 394 | 510 | 510 | 537 | | |
| AD | 230 | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | | |
| ADS | 230 | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | | |
| L | 1136 | 1136 | 1183 | 1255 | 1303 | 1385 | 1475 | 1475 | 1601 | | |
| LS | 1248 | 1248 | 1339 | 1411 | 1459 | 1541 | 1660 | 1660 | 1812 | | |
| LB | 441 | 441 | 488 | 560 | 608 | 690 | 780 | 780 | 906 | | |
| LBS | 553 | 553 | 644 | 716 | 764 | 846 | 965 | 965 | 1117 | | |

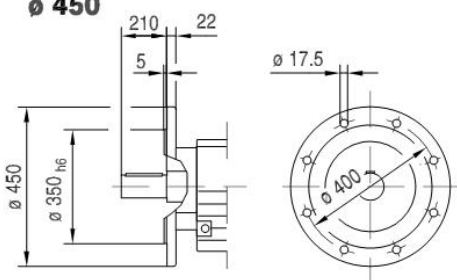


04 025 03 00

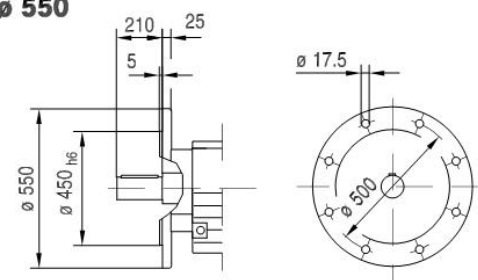
RF147..



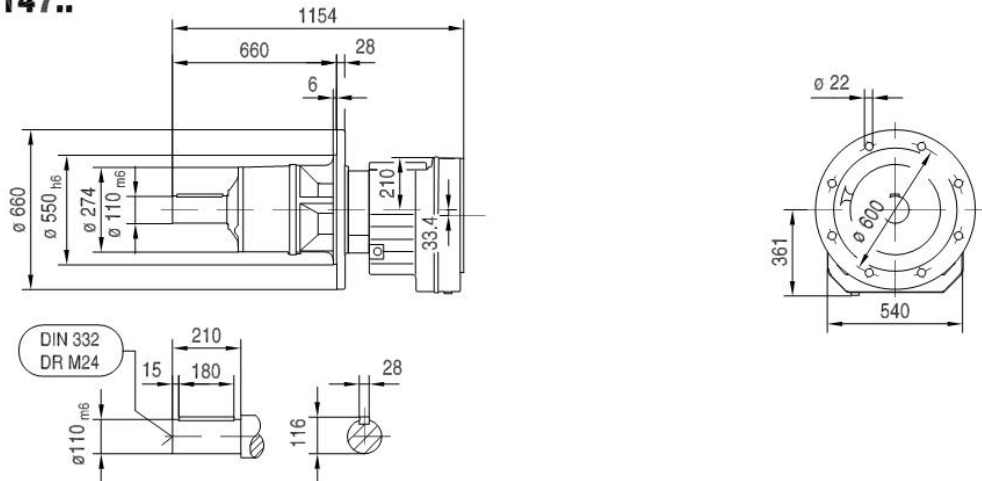
ø 450



ø 550



RM147..

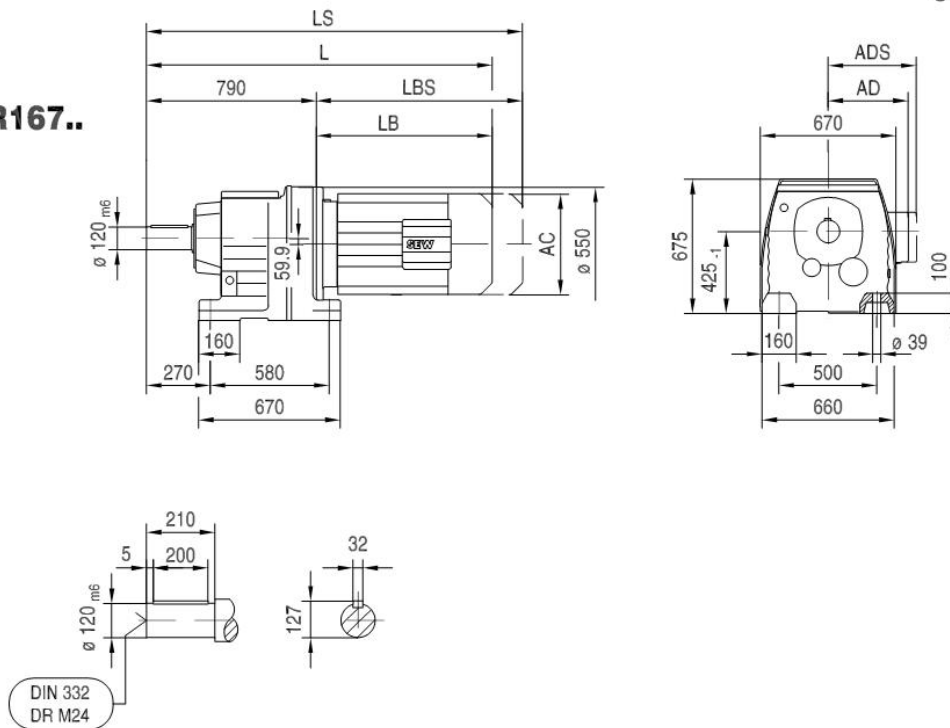


| (U) 102 | DV132ML | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | | |
|---------|---------|--------|--------|---------|---------|---------|--------|--------|-------|--|--|
| AC | 275 | 275 | 331 | 331 | 394 | 394 | 510 | 510 | 537 | | |
| AD | 230 | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | | |
| ADS | 230 | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | | |
| L | 1136 | 1136 | 1183 | 1255 | 1303 | 1385 | 1475 | 1475 | 1601 | | |
| LS | 1248 | 1248 | 1339 | 1411 | 1459 | 1541 | 1660 | 1660 | 1812 | | |
| LB | 441 | 441 | 488 | 560 | 608 | 690 | 780 | 780 | 906 | | |
| LBS | 553 | 553 | 644 | 716 | 764 | 846 | 965 | 965 | 1117 | | |

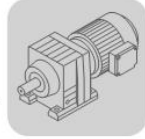


04 013 03 00

R167..

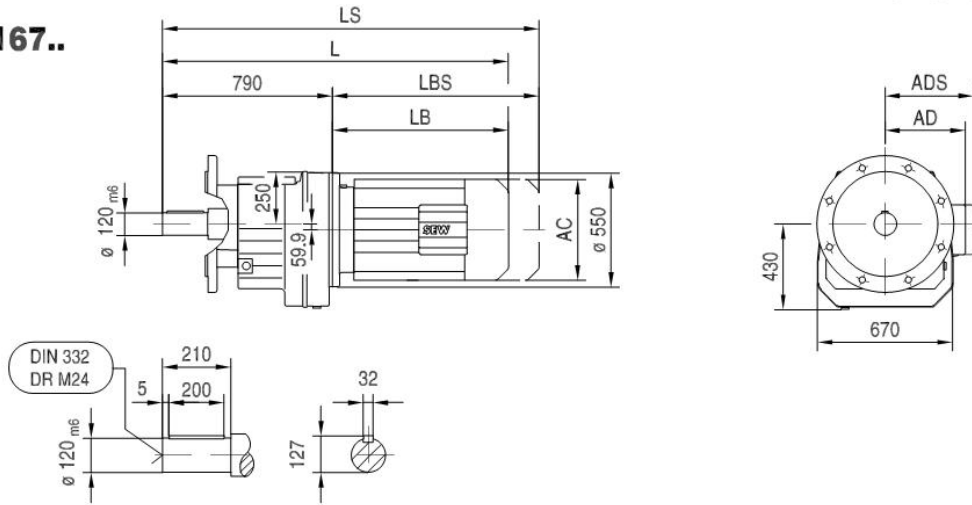


| (U) 102) | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M | |
|----------|--------|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|
| AC | 275 | 331 | 331 | 394 | 394 | 510 | 510 | 537 | 612 | 612 | |
| AD | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | 430 | 430 | |
| ADS | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | 430 | 430 | |
| L | 1223 | 1270 | 1342 | 1390 | 1472 | 1561 | 1561 | 1714 | 1765 | 1816 | |
| LS | 1335 | 1426 | 1498 | 1546 | 1628 | 1746 | 1746 | 1925 | 1993 | 2044 | |
| LB | 433 | 480 | 552 | 600 | 682 | 771 | 771 | 924 | 975 | 1026 | |
| LBS | 545 | 636 | 708 | 756 | 838 | 956 | 956 | 1135 | 1203 | 1254 | |

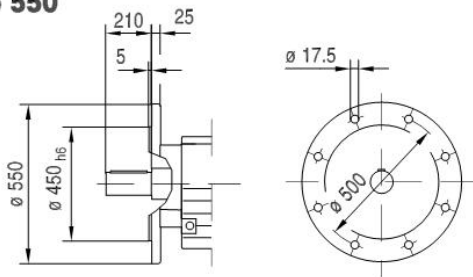


04 026 03 00

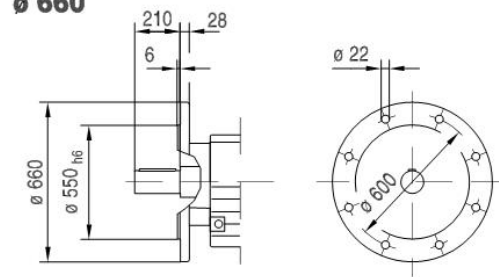
RF167..



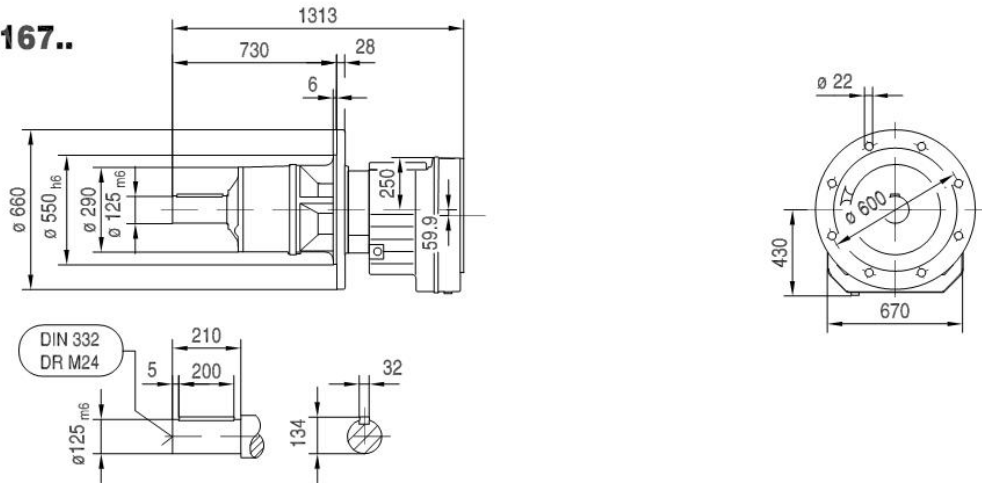
$\varnothing 550$



$\varnothing 660$



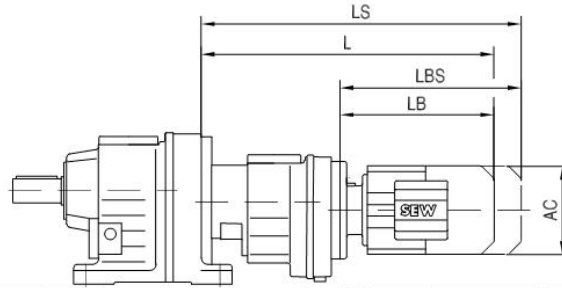
RM167..



| (U) 102 | DV160M | DV160L | DV180.. | DV200.. | DV225.. | DV250M | DV280S | D280M | D315S | D315M | |
|---------|--------|--------|---------|---------|---------|--------|--------|-------|-------|-------|--|
| AC | 275 | 331 | 331 | 394 | 394 | 510 | 510 | 537 | 612 | 612 | |
| AD | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | 430 | 430 | |
| ADS | 230 | 258 | 258 | 285 | 289 | 397 | 397 | 382 | 430 | 430 | |
| L | 1223 | 1270 | 1342 | 1390 | 1472 | 1561 | 1561 | 1714 | 1765 | 1816 | |
| LS | 1335 | 1426 | 1498 | 1546 | 1628 | 1746 | 1746 | 1925 | 1993 | 2044 | |
| LB | 433 | 480 | 552 | 600 | 682 | 771 | 771 | 924 | 975 | 1026 | |
| LBS | 545 | 636 | 708 | 756 | 838 | 956 | 956 | 1135 | 1203 | 1254 | |



04 039 02 00



| (U 102) | | AC | L | LS | LB | LBS |
|----------------------------------|---------|-----|-----|-----|-----|-----|
| R..27R17 R..37R17 | DR63.. | 132 | 324 | 379 | 149 | 204 |
| | DT71D | 145 | 339 | 403 | 164 | 228 |
| | DT80.. | 145 | 389 | 453 | 214 | 278 |
| R..47R37 R..57R37 R..67R37 | DR63.. | 132 | 356 | 411 | 191 | 246 |
| | DT71D | 145 | 371 | 435 | 206 | 270 |
| | DT80.. | 145 | 421 | 485 | 256 | 320 |
| R..77R37 | DR63.. | 132 | 348 | 403 | 191 | 246 |
| | DT71D | 145 | 363 | 427 | 206 | 270 |
| | DT80.. | 145 | 413 | 477 | 256 | 320 |
| | DT90.. | 197 | 433 | 518 | 276 | 361 |
| R..87R57 | DR63.. | 132 | 401 | 456 | 185 | 240 |
| | DT71D | 145 | 415 | 479 | 199 | 263 |
| | DT80.. | 145 | 465 | 529 | 249 | 313 |
| | DT90.. | 197 | 485 | 570 | 269 | 354 |
| R..97R57 | DR63.. | 132 | 396 | 451 | 185 | 240 |
| | DT71D | 145 | 410 | 474 | 199 | 263 |
| | DT80.. | 145 | 460 | 524 | 249 | 313 |
| | DT90.. | 197 | 480 | 565 | 269 | 354 |
| | DV100M | 197 | 530 | 615 | 319 | 404 |
| | DV100L | 197 | 560 | 645 | 349 | 434 |
| R..107R77 | DR63.. | 132 | 426 | 481 | 179 | 234 |
| | DT71D | 145 | 440 | 504 | 193 | 257 |
| | DT80.. | 145 | 490 | 554 | 243 | 307 |
| | DT90.. | 197 | 508 | 593 | 261 | 346 |
| | DV100M | 197 | 558 | 643 | 311 | 396 |
| | DV100L | 197 | 588 | 673 | 341 | 426 |
| | DV112M | 221 | 592 | 672 | 345 | 425 |
| | DV132S | 221 | 637 | 717 | 390 | 470 |
| | DV132M | 275 | 659 | 771 | 412 | 524 |
| | DV132ML | 275 | 719 | 831 | 472 | 584 |
| DV160M | 275 | 719 | 831 | 472 | 584 | |
| R..137R77 | DR63.. | 132 | 419 | 474 | 179 | 234 |
| | DT71D | 145 | 433 | 497 | 193 | 257 |
| | DT80.. | 145 | 483 | 547 | 243 | 307 |
| | DT90.. | 197 | 501 | 586 | 261 | 346 |
| | DV100M | 197 | 551 | 636 | 311 | 396 |
| | DV100L | 197 | 581 | 666 | 341 | 426 |
| | DV112M | 221 | 585 | 665 | 345 | 425 |
| | DV132S | 221 | 630 | 710 | 390 | 470 |
| | DV132M | 275 | 652 | 764 | 412 | 524 |
| | DV132ML | 275 | 712 | 824 | 472 | 584 |
| DV160M | 275 | 712 | 824 | 472 | 584 | |

| (U 102) | | AC | L | LS | LB | LBS |
|------------|---------|------|------|------|-----|-----|
| R..147R77 | DR63.. | 132 | 411 | 466 | 179 | 234 |
| | DT71D | 145 | 425 | 489 | 193 | 257 |
| | DT80.. | 145 | 475 | 539 | 243 | 307 |
| | DT90.. | 197 | 493 | 578 | 261 | 346 |
| | DV100M | 197 | 543 | 628 | 311 | 396 |
| | DV100L | 197 | 573 | 658 | 341 | 426 |
| | DV112M | 221 | 577 | 657 | 345 | 425 |
| | DV132S | 221 | 622 | 702 | 390 | 470 |
| | DV132M | 275 | 644 | 756 | 412 | 524 |
| | DV132ML | 275 | 704 | 816 | 472 | 584 |
| DV160M | 275 | 704 | 816 | 472 | 584 | |
| R..147R87 | DT90.. | 197 | 537 | 622 | 257 | 342 |
| | DV100M | 197 | 587 | 672 | 307 | 392 |
| | DV100L | 197 | 617 | 702 | 337 | 422 |
| | DV112M | 221 | 620 | 700 | 340 | 420 |
| | DV132S | 221 | 665 | 745 | 385 | 465 |
| | DV132M | 275 | 687 | 799 | 407 | 519 |
| | DV132ML | 275 | 747 | 859 | 467 | 579 |
| | DV160M | 275 | 747 | 859 | 467 | 579 |
| | DV160L | 331 | 794 | 950 | 514 | 670 |
| | DV180.. | 331 | 866 | 1022 | 586 | 742 |
| R..167R97 | DT80.. | 145 | 556 | 620 | 231 | 295 |
| | DT90.. | 197 | 576 | 661 | 251 | 336 |
| | DV100M | 197 | 626 | 711 | 301 | 386 |
| | DV100L | 197 | 656 | 741 | 331 | 416 |
| | DV112M | 221 | 660 | 740 | 335 | 415 |
| | DV132S | 221 | 705 | 785 | 380 | 460 |
| | DV132M | 275 | 727 | 839 | 402 | 514 |
| | DV132ML | 275 | 787 | 899 | 462 | 574 |
| | DV160M | 275 | 787 | 899 | 462 | 574 |
| | DV160L | 331 | 834 | 990 | 509 | 665 |
| DV180.. | 331 | 906 | 1062 | 581 | 737 | |
| R..167R107 | DV100M | 197 | 677 | 762 | 295 | 380 |
| | DV100L | 197 | 707 | 792 | 325 | 410 |
| | DV112M | 221 | 711 | 791 | 329 | 409 |
| | DV132S | 221 | 756 | 836 | 374 | 454 |
| | DV132M | 275 | 778 | 890 | 396 | 508 |
| | DV132ML | 275 | 838 | 950 | 456 | 568 |
| | DV160M | 275 | 838 | 950 | 456 | 568 |
| | DV160L | 331 | 885 | 1041 | 503 | 659 |
| | DV180.. | 331 | 957 | 1113 | 575 | 731 |
| | DV200.. | 394 | 1005 | 1161 | 623 | 779 |
| DV225.. | 394 | 1087 | 1243 | 705 | 861 | |