

| AmTecs Motors Motor type DM-IP23 = CAST IRON Open drip proof (IP23) 230/400V - 50Hz 400/690V - 50Hz Frame size EN60034-1 (IEC-DIN) | | | Rated output power | Rated current at | | | Full-load speed rpm | Full-load power factor | Full-load efficiency | | Full- load torque | Starting current | Starting torque | Pull-out torque | Sound pressure level | Moment of Inertia J= $\frac{1}{2}GD^2$ | Weight foot mounted |
|---|------------------------|---|--------------------------|----------------------|---------------------------------|---------------------------------|---------------------------|------------------------------|---------------------------------|-------------------------------------|-------------------------|---------------------|--------------------|--------------------|----------------------------|--|---------------------------|
| | | | | P _N kW | 380 V I _u A | 400 V I _u A | | | 420 V I _u A | n _N min ⁻¹ | | | | | | | |
| DM-IP23 | 160 M | - | | | | | | | | | | | | | | | |
| DM-IP23 | 160 L | - | | | | | | | | | | | | | | | |
| DM-IP23 | 160 Lx | 6 | 11.0 | 24.2 | 23.0 | 21.9 | 975 | 0.77 | 87.6 | 87.8 | 108 | 6.0 | 1.8 | 2.5 | 63.0 | 0.1620 | 141 |
| DM-IP23 | 180 M | 6 | 15.0 | 31.6 | 30.0 | 28.6 | 975 | 0.81 | 89.1 | 89.1 | 147 | 6.0 | 2.3 | 2.8 | 63.0 | 0.2310 | 198 |
| DM-IP23 | 180 L | 6 | 18.5 | 38.9 | 37.0 | 35.2 | 975 | 0.82 | 89.8 | 90.3 | 181 | 6.0 | 2.3 | 2.8 | 63.0 | 0.2560 | 212 |
| DM-IP23 | 200 M | 6 | 22.0 | 45.3 | 43.0 | 41.0 | 980 | 0.82 | 91.0 | 91.0 | 214 | 6.5 | 2.1 | 2.7 | 65.0 | 0.3420 | 262 |
| DM-IP23 | 200 L | 6 | 30.0 | 61.1 | 58.0 | 55.2 | 980 | 0.82 | 91.0 | 91.2 | 292 | 6.5 | 2.1 | 2.7 | 65.0 | 0.4020 | 279 |
| DM-IP23 | 225 M | 6 | 37.0 | 71.5 | 67.9 | 64.7 | 980 | 0.86 | 91.5 | 91.8 | 361 | 6.5 | 2.1 | 2.7 | 67.0 | 0.6320 | 343 |
| DM-IP23 | 250 S | 6 | 45.0 | 89.1 | 84.6 | 80.6 | 985 | 0.84 | 91.6 | 91.5 | 436 | 6.5 | 2.2 | 2.8 | 68.0 | 0.8340 | 473 |
| DM-IP23 | 250 M | 6 | 55.0 | 108 | 103 | 98.1 | 985 | 0.84 | 91.4 | 91.5 | 533 | 6.5 | 2.2 | 2.8 | 68.0 | 0.8940 | 490 |
| DM-IP23 | 280 S | 6 | 75.0 | 152 | 144 | 137 | 985 | 0.82 | 92.7 | 93.2 | 727 | 6.0 | 2.0 | 2.5 | 70.0 | 1.4210 | 675 |
| DM-IP23 | 280 M | 6 | 90.0 | 176 | 167 | 159 | 985 | 0.84 | 93.5 | 94.0 | 873 | 6.0 | 2.0 | 2.5 | 70.0 | 1.8530 | 745 |
| DM-IP23 | 315 ^(A) S | 6 | 110 | 218 | 207 | 197 | 990 | 0.82 | 94.2 | 94.6 | 1061 | 5.5 | 1.6 | 2.4 | 71.0 | 3.3780 | 925 |
| DM-IP23 | 315 ^(A) M | 6 | 132 | 262 | 249 | 237 | 990 | 0.82 | 94.6 | 95.0 | 1273 | 5.5 | 1.7 | 2.4 | 71.0 | 3.9610 | 965 |
| DM-IP23 | 315 ^(A) Mx | 6 | 160 | 219 | 303 | 289 | 990 | 0.81 | 94.9 | 95.2 | 1543 | 6.0 | 1.8 | 2.5 | 74.0 | 4.8040 | 1083 |
| DM-IP23 | 315 ^(A) La | 6 | 180 | 355 | 337 | 321 | 990 | 0.82 | 95.0 | 95.3 | 1736 | 6.0 | 1.8 | 2.5 | 74.0 | 5.1870 | 1127 |
| DM-IP23 | 315 ^(A) Lb | 6 | 200 | 389 | 370 | 352 | 990 | 0.83 | 94.9 | 95.3 | 1929 | 6.0 | 1.8 | 2.5 | 75.0 | 5.7270 | 1165 |
| DM-IP23 | 315 ^(A) Lx | 6 | 225 | 438 | 416 | 396 | 990 | 0.83 | 95.2 | 95.5 | 2170 | 6.0 | 1.8 | 2.5 | 75.0 | 6.3090 | 1335 |
| DM-IP23 | 315 ^(B) Ly | 6 | 250 | 487 | 463 | 441 | 990 | 0.83 | 95.1 | 95.7 | 2412 | 6.0 | 1.9 | 2.5 | 75.0 | 7.0220 | 1371 |
| DM-IP23 | 315 ^(B) Xia | - | | | | | | | | | | | | | | | |
| DM-IP23 | 315 ^(B) Xib | 6 | 280 | 542 | 515 | 490 | 990 | 0.83 | 94.5 | 94.2 | 2701 | 6.0 | 1.9 | 2.5 | 76.0 | 7.8880 | 1462 |
| DM-IP23 | 355 S | 6 | 315 | 618 | 587 | 559 | 990 | 0.82 | 94.5 | 94.2 | 3039 | 5.0 | 1.5 | 1.9 | 76.0 | 7.9100 | 1620 |
| DM-IP23 | 355 M | 6 | 355 | 693 | 658 | 627 | 990 | 0.82 | 95.0 | 94.7 | 3425 | 5.3 | 1.6 | 2.0 | 76.0 | 9.3300 | 1730 |
| DM-IP23 | 355 Mx | 6 | 400 | 780 | 741 | 706 | 990 | 0.82 | 95.0 | 94.7 | 3859 | 5.5 | 1.6 | 2.0 | 76.0 | 9.9500 | 1850 |
| DM-IP23 | 355 My | 6 | 450 | 878 | 834 | 794 | 990 | 0.82 | 95.0 | 94.7 | 4341 | 5.5 | 1.6 | 2.0 | 76.0 | 10.740 | 1925 |
| DM-IP23 | 355 L | 6 | 500 | 971 | 922 | 878 | 990 | 0.82 | 95.5 | 95.2 | 4823 | 6.0 | 1.7 | 2.2 | 76.0 | 12.250 | 2075 |
| DM-IP23 | 355 Lx | - | | | | | | | | | | | | | | | |

^(A) = DM1-IP23 size 315, motor frame type A; ^(B) = DM1-IP23 size 315, motor frame type B;