

| AmTecs Motors Motor type AMS-R = Single Phase Motor 1~220V - 50Hz 1~230V - 50Hz 1~240V - 50Hz Frame size EN60034-1 (IEC-DIN) | | | Rated output power P_N kW | Rated current at | | | Full-load speed rpm n_N min ⁻¹ | Full-load power factor cos ϕ | Full-load efficiency 100% η % | Starting current I_s/I_N | Starting torque M_s/M_N | Running capacitor μ F 450V | Sound pressure level dB(A) 1 meter (no load) | Weight foot mounted kg |
|---|--------|---|---------------------------------------|---------------------|---------------------|---------------------|---|--|---|-----------------------------------|----------------------------------|--|---|-------------------------------|
| | | | | 220 V I_u A | 230 V I_n A | 240 V I_o A | | | | | | | | |
| AMS-R | 56 K | 2 | 0.09 | 0.83 | 0.79 | 0.76 | 2760 | 0.92 | 54.0 | 3.00 | 1.60 | 4.0 | 67.0 | 2.9 |
| AMS-R | 56 G | 2 | 0.12 | 1.02 | 0.98 | 0.94 | 2770 | 0.92 | 58.0 | 4.00 | 1.60 | 6.0 | 67.0 | 3.2 |
| AMS-R | 63 K | 2 | 0.18 | 1.39 | 1.33 | 1.27 | 2780 | 0.95 | 62.0 | 5.00 | 1.70 | 10.0 | 70.0 | 4.0 |
| AMS-R | 63 G | 2 | 0.25 | 1.84 | 1.76 | 1.69 | 2780 | 0.95 | 65.0 | 7.00 | 1.70 | 12.0 | 70.0 | 4.5 |
| AMS-R | 71 K | 2 | 0.37 | 2.65 | 2.53 | 2.42 | 2800 | 0.95 | 67.0 | 10.0 | 1.70 | 16.0 | 75.0 | 5.1 |
| AMS-R | 71 G | 2 | 0.55 | 3.65 | 3.49 | 3.34 | 2810 | 0.98 | 70.0 | 15.0 | 1.70 | 20.0 | 75.0 | 7.2 |
| AMS-R | 80 K | 2 | 0.75 | 4.83 | 4.62 | 4.43 | 2810 | 0.98 | 72.0 | 20.0 | 1.70 | 25.0 | 75.0 | 9.6 |
| AMS-R | 80 G | 2 | 1.1 | 6.81 | 6.51 | 6.24 | 2820 | 0.98 | 75.0 | 28.0 | 1.70 | 35.0 | 78.0 | 11.0 |
| AMS-R | 80 Gx | 2 | 1.3 | | | | | | | | | | | |
| AMS-R | 90 S | 2 | 1.5 | 9.16 | 8.76 | 8.40 | 2820 | 0.98 | 76.0 | 40.0 | 1.80 | 45.0 | 80.0 | 14.0 |
| AMS-R | 90 L | 2 | 1.8 | | | | | | | | | | | |
| AMS-R | 90 Lx | 2 | 2.2 | 13.3 | 12.7 | 12.2 | 2820 | 0.98 | 77.0 | 60.0 | 1.80 | 60.0 | 80.0 | 16.5 |
| AMS-R | 100 L | 2 | 3.0 | 17.9 | 17.1 | 16.4 | 2840 | 0.98 | 78.0 | 80.0 | 1.80 | 80.0 | 83.0 | 25.0 |
| AMS-R | 100 Lx | - | | | | | | | | | | | | |

AMS-R High running torque, running capacitor

| AmTecs Motors Motor type AMS-R = Single Phase Motor 1~220V - 50Hz 1~230V - 50Hz 1~240V - 50Hz Frame size EN60034-1 (IEC-DIN) | | | Rated output power P_N kW | Rated current at | | | Full-load speed rpm n_N min ⁻¹ | Full-load power factor cos ϕ | Full-load efficiency 100% η % | Starting current I_s/I_N | Starting torque M_s/M_N | Running capacitor μ F 450V | Sound pressure level dB(A) 1 meter (no load) | Weight foot mounted kg |
|---|--------|---|---------------------------------------|---------------------|---------------------|---------------------|---|--|---|-----------------------------------|----------------------------------|--|---|-------------------------------|
| | | | | 220 V I_u A | 230 V I_n A | 240 V I_o A | | | | | | | | |
| AMS-R | 56 K | 4 | 0.06 | 0.62 | 0.59 | 0.57 | 1360 | 0.92 | 48.0 | 2.50 | 1.60 | 4.00 | 63.0 | 3.5 |
| AMS-R | 56 G | 4 | 0.09 | 0.87 | 0.83 | 0.80 | 1370 | 0.92 | 51.0 | 3.00 | 1.60 | 6.00 | 63.0 | 3.8 |
| AMS-R | 63 K | 4 | 0.12 | 1.08 | 1.03 | 0.99 | 1380 | 0.92 | 55.0 | 3.50 | 1.60 | 10.0 | 65.0 | 4.0 |
| AMS-R | 63 G | 4 | 0.18 | 1.56 | 1.49 | 1.43 | 1390 | 0.92 | 57.0 | 5.50 | 1.50 | 12.0 | 65.0 | 4.6 |
| AMS-R | 71 K | 4 | 0.25 | 1.99 | 1.90 | 1.82 | 1400 | 0.94 | 61.0 | 8.00 | 1.50 | 14.0 | 65.0 | 5.7 |
| AMS-R | 71 G | 4 | 0.37 | 2.89 | 2.76 | 2.65 | 1400 | 0.94 | 62.0 | 10.0 | 1.50 | 16.0 | 68.0 | 6.7 |
| AMS-R | 80 K | 4 | 0.55 | 4.11 | 3.93 | 3.77 | 1400 | 0.95 | 64.0 | 15.0 | 1.70 | 20.0 | 70.0 | 9.2 |
| AMS-R | 80 G | 4 | 0.75 | 5.28 | 5.05 | 4.84 | 1410 | 0.95 | 68.0 | 20.0 | 1.70 | 25.0 | 70.0 | 9.5 |
| AMS-R | 80 Gx | - | | | | | | | | | | | | |
| AMS-R | 90 S | 4 | 1.1 | 7.18 | 6.87 | 6.58 | 1410 | 0.98 | 71.0 | 30.0 | 1.80 | 40.0 | 73.0 | 14.5 |
| AMS-R | 90 L | 4 | 1.5 | 9.53 | 9.12 | 8.74 | 1420 | 0.98 | 73.0 | 40.0 | 1.80 | 45.0 | 75.0 | 16.2 |
| AMS-R | 90 Lx | 4 | 1.8 | | | | | | | | | | | |
| AMS-R | 100 L | 4 | 2.2 | 13.4 | 12.8 | 12.3 | 1440 | 0.98 | 76.0 | 60.0 | 1.80 | 70.0 | 78.0 | 24.0 |
| AMS-R | 100 Lx | 4 | 3.0 | 17.9 | 17.1 | 16.4 | 1440 | 0.98 | 78.0 | 75.0 | 1.80 | 90.0 | 78.0 | 30.0 |

AMS-R High running torque, running capacitor