

MA 180 series motor 380V

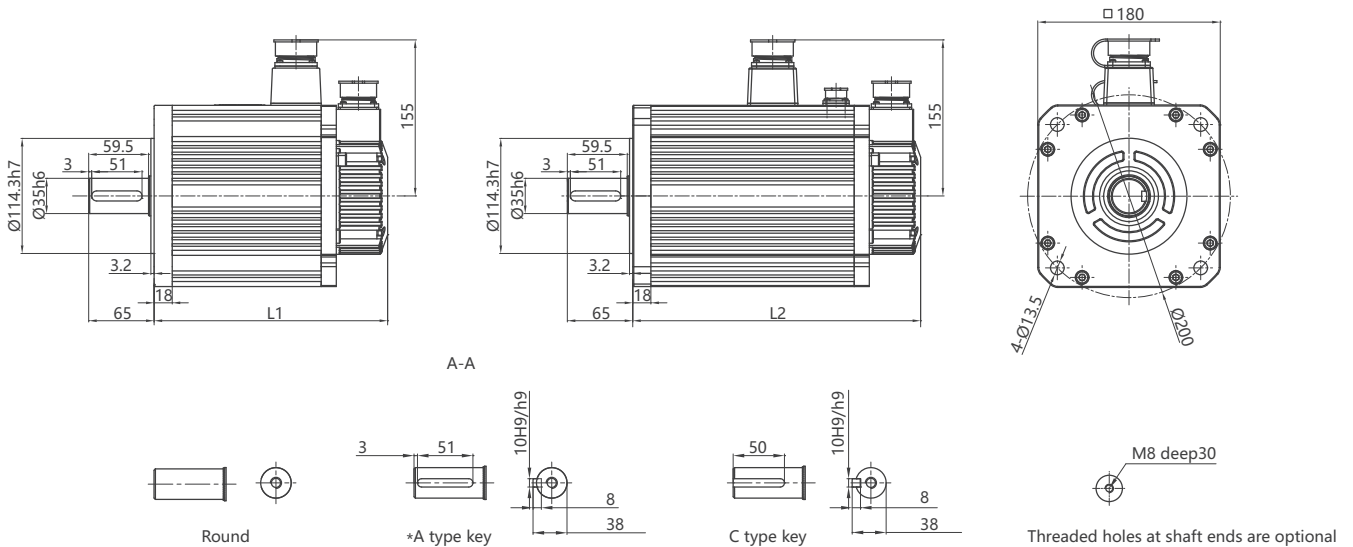
Technical parameters

| Model | Rated power kW | Rated voltage V | Rated current Arms | Peak current Arms | Rated speed rpm | Peak speed rpm | Rated torque N-m | Peak torque N-m | Inertia ($\times 10^{-4}$ kg·m ²) (Inertia with brake) | Motor weight kg (Weight with brake) |
|--------------------|----------------|-----------------|--------------------|-------------------|-----------------|----------------|------------------|-----------------|--|--|
| 180MAH19015 | 3.00 | 380 | 7.80 | 23.40 | 1500 | 1800 | 19.00 | 57.00 | 6.50 (6.70) | 20.5 (23.0) |
| 180MAH27015 | 4.30 | 380 | 10.00 | 30.00 | 1500 | 1800 | 27.00 | 81.00 | 9.10 (9.30) | 25.5 (28.0) |
| 180MAH35015 | 5.50 | 380 | 13.60 | 40.80 | 1500 | 1800 | 35.00 | 105.00 | 11.80 (12.00) | 30.5 (33.0) |
| 180MAH48015 | 7.50 | 380 | 17.50 | 52.50 | 1500 | 1800 | 48.00 | 144.00 | 15.80 (16.00) | 40.0 (42.5) |

| Brake parameters | Brake voltage (DC) V | Brake torque N-m | Brake power W | Environmental parameters for operation | Operation temperature °C | Operation humidity | Protection rating IP |
|------------------|----------------------|------------------|---------------|--|--------------------------|--|----------------------|
| | 24 | ≥ 48 | 26 | | 0 ~ +40 | Relative humidity < 90% (no condensation) | IP65 |

Dimensions

Note: "*" represents standard key.



| | | | | |
|--------------------|-------|--------------|-------|-------|
| Rated torque (N-m) | 19.00 | 27.00 | 35.00 | 48.00 |
| L(mm) | L1 | 262.0 | 292.0 | 346.0 |
| | L2 | 316.0 | 346.0 | 400.0 |

Connection definition

The wiring definition of motor power cable, brake cable and encoder cable are the same as 110 series MSL/MAL motor.

Note: The dimensions of H04B of motor 180 are slightly larger than those of H04 for motor 110 and 130.