

MA 180 series motor 380V

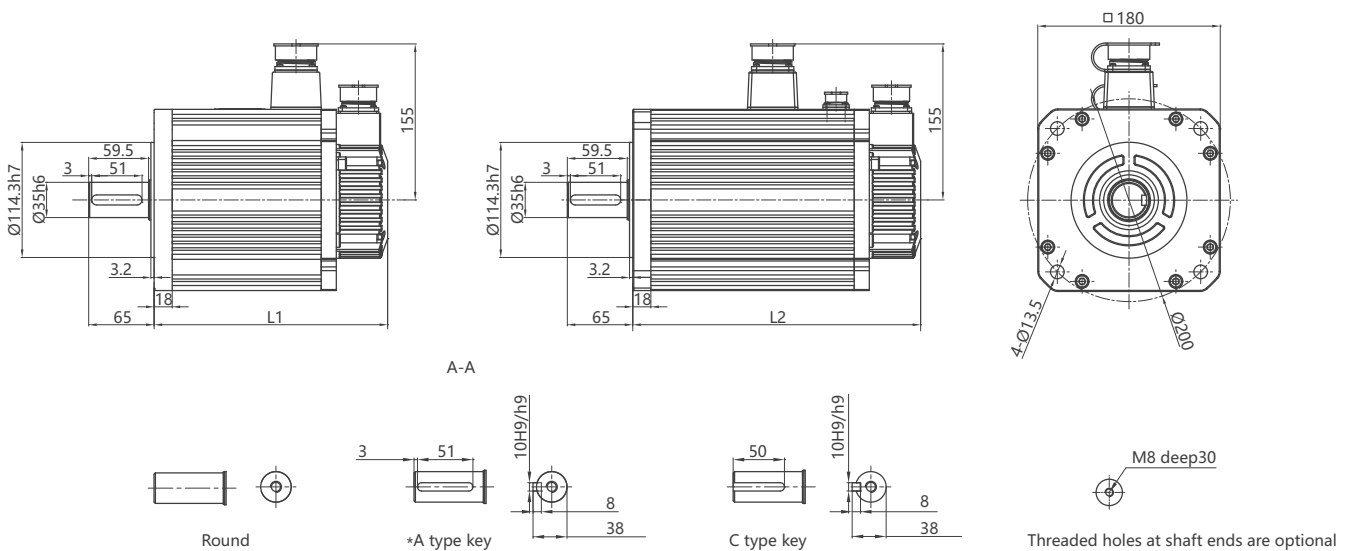
Technical parameters

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)	

Dimensions

Note: "*" represents standard key.



L(mm)	Rated torque (N-m)			
	L1	19.00	27.00	35.00
L2	232.0	262.0	292.0	346.0
	286.0	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.