

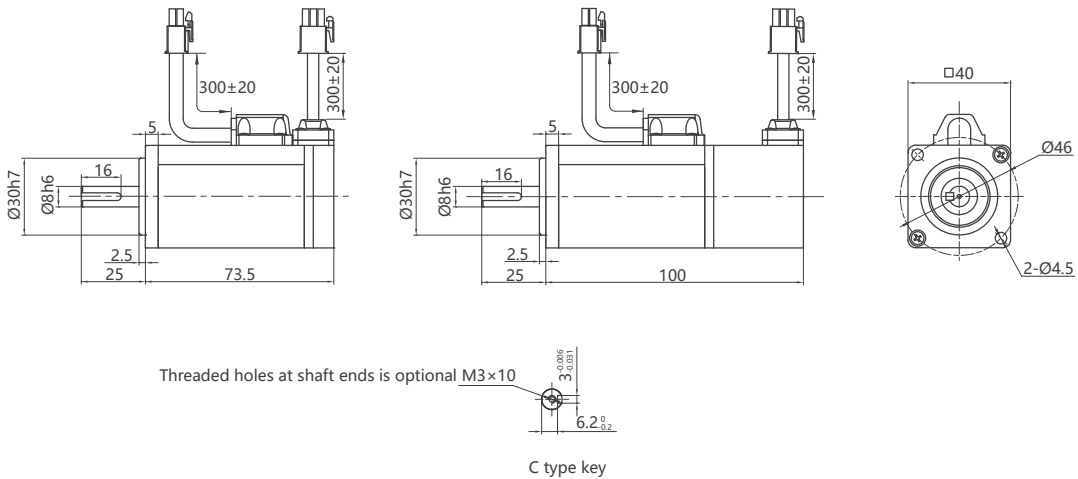
MS 40 series motor 220V

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 ($\times 10^{-4} \text{kg}\cdot\text{m}^2$) (Inertia with brake)	Motor weight kg (Weight with brake)
040MSL00330	0.1	220	1.10	3.00	3000	5000	0.32	0.96	0.035 (0.052)	0.3 (0.5)

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	≥ 0.32	4.0		0~+40	Relative humidity < 90% (no condensation)	IP65

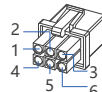
Dimensions



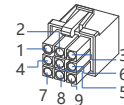
Connection definition



Standard power plug A04	
Terminal symbol	Signal
1	U
2	V
3	W
4	FG (SHIELD)



With brake power plug A06	
Terminal symbol	Signal
1	U
2	V
3	W
4	FG (SHIELD)
5	BK+
6	BK-



Absolute value signal plug A09	
Terminal symbol	Signal
1	SD+
2	SD-
3	BAT+
4	—
5	—
6	VCC
7	GND
8	BAT-
9	FG (SHIELD)

Note: 40 series motor only supports absolute encoder.