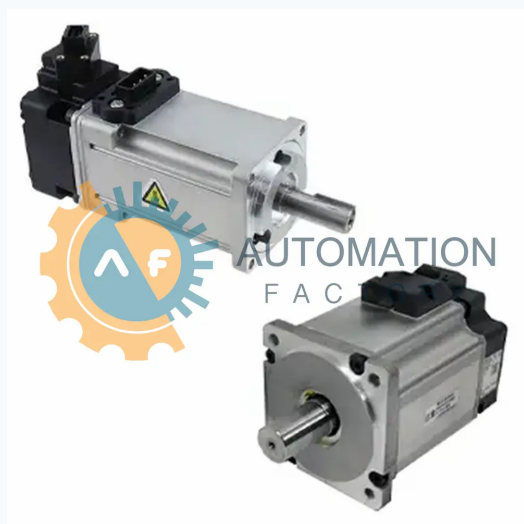


Kollmorgen — MSM Brushless Servo Motors

MSM100-6-604-M-0KA


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MSM100-6-604-M-0KA is a brushless servo motor manufactured by Kollmorgen. Part of the MSM Brushless Servo Motors series, it delivers a continuous torque of 0.72 Nm and a peak torque of 3.8 Nm. The motor weighs 4.9 kg and has a rotor inertia of 0.00015 kg-m². Rated speed is 6000 rpm and winding resistance is 24.4 ohms.

Specifications

Continuous Torque (nm):	0.72	Ke Voltage Constant (v/krpm):	55	Kt (nm/amp):	0.46
Maximum Current (amps Peak):	9.3	Motor Net Weight (kg):	4.9	Motor Net Weight With Brake (kg):	5.6
Peak Torque (nm):	3.8	Poles:	6	Rotor Moment Of Inertia (kg-m²):	0.00015
Rotor Moment Of Inertia With Brake (kg-m²):	0.00026	Shaft Material:	ST-60	Speed (rpm):	6000
Stall Current (amps Peak):	2	Winding Inductance Phase To Phase (mh):	48	Winding Resistance Phase To Phase @ 25°C (ohm):	24.4
Last Verified:	10/26/2026 3:10 PM				

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