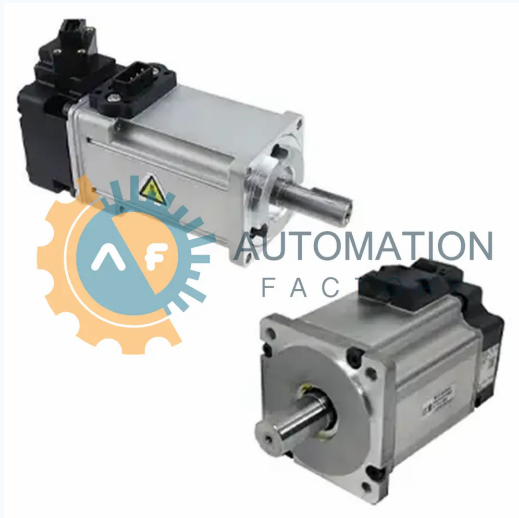


Kollmorgen — MSM Brushless Servo Motors

MSM100-14-604-M-2KA


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The MSM100-14-604-M-2KA brushless servomotor is manufactured by Kollmorgen and belongs to the MSM Brushless Servo Motors series. It delivers a continuous torque of 1.53 Nm, a peak torque of 8 Nm, operates up to 6000 rpm, and weighs 5.9 kg for easy integration. The motor has a rotor moment of inertia of 0.00021 kg·m², a Ke voltage constant of 62 V/krpm, and a torque constant of 0.52 Nm/A. It supports a maximum peak current of 17.7 A and a stall current of 3.4 A.

Specifications

Continuous Torque (nm):	1.53	Ke Voltage Constant (v/krpm):	62	Kt (nm/amp):	0.52
Maximum Current (amps Peak):	17.7	Motor Length (k):	249 mm	Motor Net Weight (kg):	5.9
Peak Torque (nm):	8	Poles:	6	Rotor Moment Of Inertia (kg-m²):	0.00021
Shaft Diameter (d):	14 mm	Shaft Material:	ST-60	Speed (rpm):	6000
Stall Current (amps Peak):	3.4	Winding Inductance Phase To Phase (mh):	22	Winding Resistance Ph To Phase @ 25°C (ohms):	9
Last Verified:	10/26/2026 8:49 AM				

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