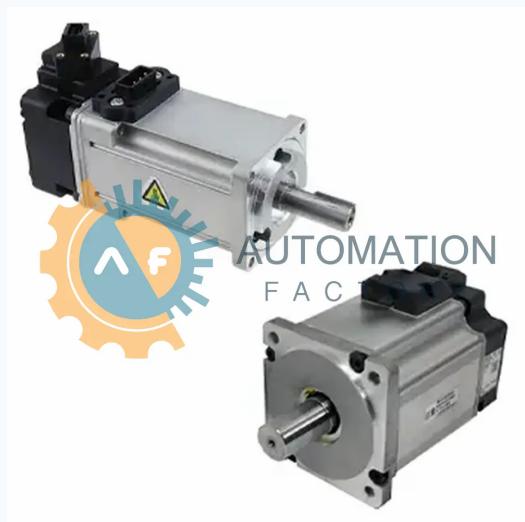


Kollmorgen — MSM Brushless Servo Motors

MSM165-93-204-M-0KA


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The Kollmorgen MSM165-93-204-M-0KA servo motor belongs to the MSM Brushless Servo Motors series and delivers a peak torque of 34 Nm. It offers a continuous torque of 10.5 Nm, runs at 2000 rpm, and features a winding inductance of 60 mH. The motor weighs 12 kg and operates on 460 V AC.

Specifications

Continuous Torque:	10.5 Nm (93 in-lb)	Ke (voltage Constant):	225 V/KRPM	Kt (torque Constant):	1.86 Nm/Amp
Maximum Current:	24 amps (peak)	Motor Net Weight:	12 kg (26.5 lb)	Motor Net Weight With Brake:	13.9 kg (30.6 lb)
Peak Torque:	34 Nm (301 in-lb)	Poles:	6	Rotor Moment Of Inertia:	0.0022 kg-m ² (0.0195 lb-in-s ²)
Rotor Moment Of Inertia With Brake:	0.003 kg-m ² (0.0266 lb-in-s ²)	Shaft Material:	ST-60	Speed:	2000 rpm
Stall Current:	6.2 amps (peak)	Winding Inductance:	60 mH (phase to phase)	Winding Resistance:	5.7 Ohms (phase to phase at 25°C)
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