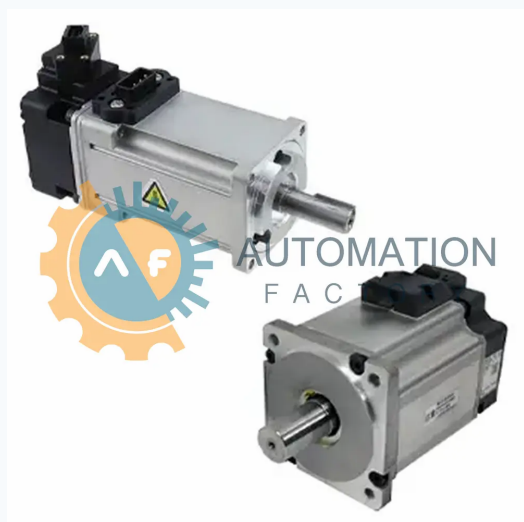


Kollmorgen — MSM Brushless Servo Motors

MSM215-505-304-S-0KA


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The MSM215-505-304-S-0KA brushless servo motor from Kollmorgen's MSM Brushless Servo Motors series delivers high performance in industrial automation. It offers a continuous torque of 57 Nm, a maximum torque of 160 Nm, a peak current of 147.1 A, and a speed up to 3000 RPM. The motor weighs 49 kg without brake and 52 kg with brake and features a 6-pole ST-60 shaft. It has a low winding resistance of 0.24 Ohm for efficient operation.

Specifications

Continuous Torque:	57 Nm / 505 in-lb	Ke Voltage Constant:	168 V/KRPM	Kt (torque Constant):	1.39 Nm/Amp
Maximum Current:	147.1 Amps peak	Maximum Torque:	160 Nm / 1416 in-lb	Motor Net Weight:	49 kg / 108 lb
Motor Net Weight With Brake:	52 kg / 114.7 lb	Poles:	6	Rotor Moment Of Inertia:	0.0175 kg-m ² / 0.1549 lb-in-s ²
Rotor Moment Of Inertia (with Brake):	0.0205 kg-m ² / 0.1814 lb-in-s ²	Shaft Material:	ST-60	Speed:	3000 RPM
Stall Current:	45.5 Amps peak	Winding Inductance:	6.5 mH	Winding Resistance:	0.24 Ohms
Last Verified:	10/25/2026 3:28 AM				

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