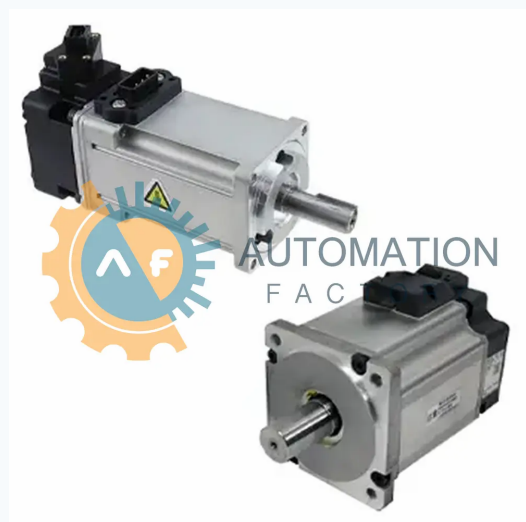


Kollmorgen — MSM Brushless Servo Motors

MSM215-407-304-M-2KA


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The MSM215-407-304-M-2KA motor from Kollmorgen's MSM Brushless Servo Motors series delivers precise motion control. It provides 46 Nm continuous torque, peaks at 128 Nm, runs up to 3000 rpm, and features a shaft of ST-60 material. With a voltage constant of 170 V/KRPM and torque constant of 1.4 Nm/A, its 8.2 mH inductance ensures stable current control. Weighing 40 kg, it suits automated systems demanding high torque-to-current efficiency.

Specifications

Continuous Torque:	46 Nm / 407 in-lb	Ke Voltage Constant:	170 V/KRPM	Kt (nm/amp):	1.4
Maximum Current:	117.4 amps peak	Motor Net Weight:	40 kg / 88.2 lb	Motor Net Weight With Brake:	43 kg / 94.8 lb
Peak Torque:	128 Nm / 1133 in-lb	Poles:	6	Rotor Moment Of Inertia:	0.0141 kg-m ² / 0.1248 lb-in-s ²
Rotor Moment Of Inertia With Brake:	0.0171 kg-m ² / 0.1513 lb-in-s ²	Shaft Material:	ST-60	Speed:	3000 rpm
Stall Current:	36.6 amps peak	Winding Inductance Phase To Phase:	8.2 mH	Winding Resistance Phase To Phase @ 25°C:	0.28 Ohm

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Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 **Toll Free:** [1-888-551-3082](tel:1-888-551-3082)

 **International:** [1-919-443-0207](tel:1-919-443-0207)

 **Fax:** [1-919-867-6204](tel:1-919-867-6204)

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