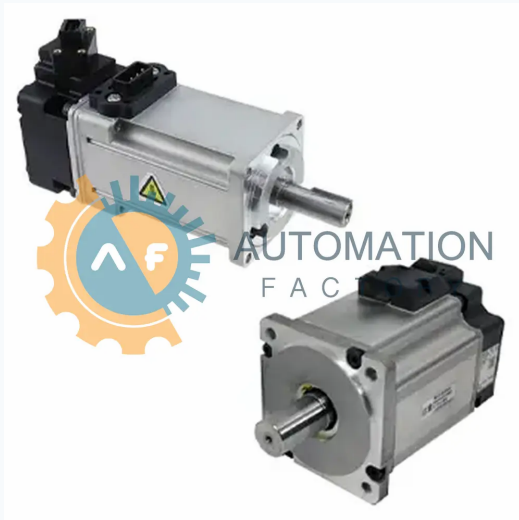




Kollmorgen — MSM Brushless Servo Motors

MSM100-6-602-E2-2KA

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The MSM100-6-602-E2-2KA from Kollmorgen's MSM Brushless Servo Motors series delivers continuous stall torque of 6 Nm and peak torque of 18 Nm with a frame size of 100. It features an EnDat 2.1 high-resolution encoder, reaches 6000 rpm, and uses natural convection cooling. It has low rotor inertia and standard flange mounting with a keyed shaft. IP65 protection and a weight of 3.5 kg allow reliable operation from 0 to 40 °C without de-rating.

Specifications

Continuous Stall Torque:	6 Nm	Cooling Method:	Natural convection	Encoder Type:	EnDat 2.1 high-resolution encoder
Feedback Type:	Optical encoder with multi-turn absolute precision	Frame Size:	100	Holding Brake:	Optional electrically released holding brake
Inertia:	Low rotor inertia	Maximum Speed:	6000 rpm	Mounting Configuration:	Standard flange mounting
Operating Temperature:	0 to 40 °C without de-rating	Peak Torque:	18 Nm	Protection:	IP65
Shaft Type:	Keyed shaft	Warranty:	One-year	Weight:	Approximately 3.5 kg
Last Verified:	10/25/2026 10:24 AM				

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