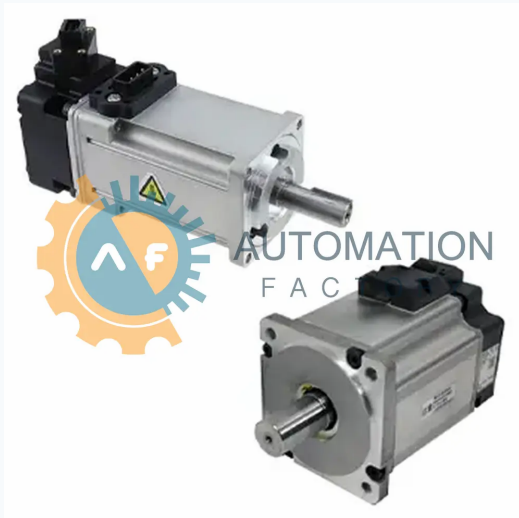


Kollmorgen — MSM Brushless Servo Motors

MSM165-146-304-S-2KA


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The MSM165-146-304-S-2KA brushless servo motor delivers 16.5 Nm continuous torque, 54 Nm peak torque, features a 24 mm shaft diameter and weighs 16.3 kg. Part of the MSM Brushless Servo Motors series by Kollmorgen, it achieves speeds up to 3000 RPM and draws a stall current of 13.6 amps.

Specifications

Continuous Torque:	16.5 Nm (146 in-lb)	Ke Voltage Constant (v/krpm):	161	Kt (nm/amp):	1.34
Maximum Current (amps Peak):	52.3	Motor Length (k):	366 mm	Motor Net Weight:	16.3 kg (35.9 lb)
Peak Torque:	54 Nm (478 in-lb)	Poles:	6	Rotor Moment Of Inertia:	0.0036 kg-m ² (0.0319 lb-in-s ²)
Shaft Diameter:	24 mm	Shaft Material:	ST-60	Speed (rpm):	3000
Stall Current (amps Peak):	13.6	Winding Inductance Phase To Phase (mh):	18.5	Winding Resistance Phase To Phase @ 25°C (ohm):	1.56
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