



Kollmorgen - LSM Brushless Servo Motors

LSM100-35-454-S-0KA



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The **LSM100-35-454-S-0KA** is a part of the **LSM Brushless Servo Motors Series** by Kollmorgen.

Specifications

Continuous Torque:	4 Nm / 35 In-lb	Ke Voltage Constant (v/krpm):	103	Kt (nm/amp):	0.86
Maximum Current (amps Peak):	22.6	Motor Net Weight:	5.3 kg / 11.7 lb	Motor Net Weight With Brake:	7.1 kg / 15.7 lb
Peak Torque:	16 Nm / 142 In-lb	Poles:	8	Rotor Moment Of Inertia:	0.00017 kg-m2 / 0.0015 lb-in-s2
Rotor Moment Of Inertia With Brake:	0.0002 kg-m2 / 0.0018 lb-in-s2	Shaft Material:	ST-60	Speed:	4500 rpm
Stall Current (amps Peak):	5	Winding Inductance (phase To Phase):	16.8 mH	Winding Resistance (phase To Phase @ 25°C):	5.9 Ohm
Last Verified:	09/05/2025 1:30 AM				

Contact Us

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Shipping Options



Payment Methods



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