



Kollmorgen - LSM Brushless Servo Motors

LSM100-46-454-E2-0KA



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The **LSM100-46-454-E2-0KA** is a part of the **LSM Brushless Servo Motors Series** by Kollmorgen.

Specifications

Continuous Torque:	5.2 Nm (46 In-lb)	Dimensional Length (k1):	295 mm	Ke Voltage Constant:	106 V/kRPM
Kt (torque Constant):	0.88 Nm/Amp	Maximum Current (peak):	21.2 Amps	Net Weight:	6.3 kg (13.9 lbs)
Net Weight With Brake:	7.1 kg (15.7 lbs)	Peak Torque:	16 Nm (142 In-lb)	Poles:	8
Rotor Moment Of Inertia:	0.00017 kg-m ² (0.0015 lb-in-s ²)	Rotor Moment Of Inertia With Brake:	0.0002 kg-m ² (0.0018 lb-in-s ²)	Stall Current (peak):	6.4 Amps
Winding Inductance:	12.44 mH	Winding Resistance:	3.9 Ohm (Phase-to-Phase at 25°C)	Last Verified:	09/05/2025 2:26 PM

Contact Us

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Shipping Options



Payment Methods



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