



Kollmorgen - LSM Brushless Servo Motors

LSM165-119-454-E2-2KA



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The **LSM165-119-454-E2-2KA** is a part of the **LSM Brushless Servo Motors Series** by Kollmorgen.

Specifications

Continuous Torque:	13.5 Nm (119 In-lb)	Kt (torque Constant):	0.87 Nm/Amp	Maximum Current Peak:	70.7 Amps
Motor Net Weight:	16.2 kg (35.7 lb)	Motor Net Weight With Brake:	18.5 kg (40.8 lb)	Peak Torque:	51 Nm (451 In-lb)
Poles:	8	Rotor Moment Of Inertia:	0.00092 kg-m ² (0.0081 lb-in-s ²)	Rotor Moment Of Inertia With Brake:	0.00127 kg-m ² (0.0112 lb-in-s ²)
Shaft Material:	ST-60	Speed:	4500 rpm	Stall Current Peak:	16.4 Amps
Voltage Constant (ke):	105 V/KRPM	Winding Inductance Phase-to-phase:	6.68 mH	Winding Resistance Phase-to-phase:	0.76 Ohms at 25°C
Last Verified:	09/05/2025 4:26 AM				

Contact Us

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Shipping Options



Payment Methods



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