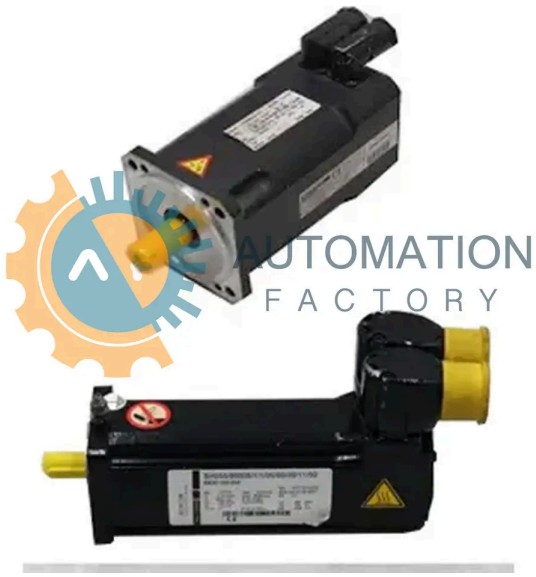
Kollmorgen - LSM Brushless Servo Motors

LSM165-119-454-E2-0KA



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The **LSM165-119-454-E2-0KA** is a part of the **LSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Continuous Torque:	13.5 Nm (119 In-lb)	**Ke (voltage Constant):**	105 V/kRPM	**Kt (torque Constant):**	0.87 Nm/Amp
Maximum Current:	70.7 Amps Peak	**Motor Net Weight:**	16.2 kg (35.7 lb)	**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-m2 (0.0081 lb-in-s2)
Rotor Moment Of Inertia With Brake:	0.00127 kg-m2 (0.0112 lb-in-s2)	**Shaft Material:**	ST-60 (Steel)	**Speed:**	4500 RPM
Stall Current:	16.4 Amps Peak	**Winding Inductance:**	6.68 mH	**Winding Resistance:**	0.76 Ohms @ 25°C
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Contact Us

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