



Kollmorgen - NSM Brushless Servo Motors

NSM5647



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The **NSM5647** is a part of the **NSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Axial Load When No Radial Load:	92 kg (203 lb)	Back Emf Constant (ke):	77 Volts/kRPM	Continuous Stall Torque:	6.0 Nm (53 lb-in)
Dimensions (ab):	76 mm (2.96 in)	Dimensions (aj):	149 mm (5.875 in)	Max Continuous Operation Speed:	6000 RPM
Peak Torque:	17.0 Nm (150 lb-in)	Radial Load Force At 5000 Rpm:	73 kg (161 lb)	Radial Load Force At 6000 Rpm:	58 kg (128 lb)
Rotor Inertia:	0.00147 kg-m ² (0.013 lb-in-s ²)	Torque Constant (kt):	0.63 Nm/Amp	Weight:	13.0 kg (28.7 lb)
Winding Inductance:	7.0 mH	Winding Resistance:	1.23 Ohms	Last Verified:	05/12/2025 9:16 AM

Contact Us

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