



Kollmorgen - NSM Brushless Servo Motors

NSM3412



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The **NSM3412** is a part of the **NSM Brushless Servo Motors Series** by Kollmorgen.

Specifications

Continuous Stall Torque:	13.8 lb-in (1.6 Nm)	Dimension Ab:	64 mm (2.48 in)	Dimension Aj:	98 mm (3.875 in)
Dimension L:	173 mm (6.67 in)	Friction Torque:	0.31 lb-in (0.035 Nm)	Ke Voltage Constant:	41 V/kRPM
Max Continuous Operation Speed:	5500 RPM	Motor Net Weight:	7.6 lb (3.5 kg)	Peak Torque:	36.0 lb-in (4.1 Nm)
Rotor Moment Of Inertia:	0.0013 kg-m2	Sine Wave Kt Torque Constant:	3.0 lb-in/A (0.34 Nm/A)	Square Wave Kt Torque Constant:	3.3 lb-in/A (0.37 Nm/A)
Thermal Resistance:	1.2°C/watt	Winding Inductance Phase To Phase:	8.6 mH	Winding Resistance Phase To Phase:	2.7 ohms
Last Verified:	05/12/2025 2:42 PM				

Contact Us

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Shipping Options



Payment Methods



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