



Kollmorgen - NSM Brushless Servo Motors

NSM5637



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The **NSM5637** is a part of the **NSM Brushless Servo Motors Series** by **Kollmorgen**.


Specifications

Back Emf Constant (ke): 60 Volts/kRPM
Max Continuous Operation Speed: 5000 RPM
Standard Radial Load Force: 197 lb / 89 kg at 500 RPM
Winding Inductance: 5.2 mH

Continuous Torque: 5.2 Nm (46 lb-in)
Peak Torque: 13.0 Nm (120 lb-in)
Torque Constant (kt): 0.50 Nm/Amp
Winding Resistance: 1.0 Ohms (phase to phase at 25°C)

Dimensions: 225 mm/8.825 in length
Rotor Inertia: 0.00113 kg-m² (0.01 lb-in-s²)
Weight: 11.0 kg (24.2 lb)
Last Verified: 05/12/2025 5:15 AM

Contact Us

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Shipping Options



Payment Methods



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