



Kollmorgen - NSM Brushless Servo Motors

NSM4220



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- ✓ Up to half the cost of the manufacturer



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One Year
Warranty

The **NSM4220** is a part of the **NSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

| | | | | | |
|--------------------------------|-----------------------|--------------------------------|---|--|----------------|
| Back Emf Constant (ke): | 34 V/kRPM | Continuous Torque: | 2.5 Nm (22 lb-in) | Max Continuous Operation Speed: | 6000 RPM |
| Peak Torque: | 7.1 Nm (63 lb-in) | Radial Load (1000 Rpm): | 116 lb (52 kg) | Radial Load (2000 Rpm): | 92 lb (41 kg) |
| Radial Load (3000 Rpm): | 80 lb (36 kg) | Radial Load (4000 Rpm): | 73 lb (33 kg) | Radial Load (500 Rpm): | 146 lb (66 kg) |
| Radial Load (5000 Rpm): | 68 lb (31 kg) | Rotor Inertia: | 0.00035 kg-m ² (0.0031 lb-in-s ²) | Torque Constant (kt): | 0.28 Nm/Amp |
| Weight: | 5.9 kg (13.0 lb) | Winding Inductance: | 2.9 mH | Winding Resistance: | 0.77 ohm |
| Last Verified: | 12/13/2025 6:43 PM | | | | |

Contact Us

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Shipping Options



Payment Methods



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