



Kollmorgen - XSM Centurion Servo Motors

XSM165-172-402-S-2KA



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The **XSM165-172-402-S-2KA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Axial Load Force Rating @ 1000 Rpm: 67 kg (149 lb)
Axial Load Force Rating @ 4000 Rpm: 36 kg (81 lb)
Overall Motor Length (non-brake Configuration): 233 mm / 9.173 in
Rotor Shaft Diameter: 28 mm / 1.1024 in
Weight: 15 kg (33 lb)
Last Verified: 09/04/2025 6:23 PM

Axial Load Force Rating @ 2000 Rpm: 49 kg (109 lb)
Back Emf Constant (ke): 65 Volts/kRPM
Peak Torque: 48.6 Nm (430 lb-in)
Torque Constant (kt): 0.54 Nm/Amp
Winding Inductance (phase To Phase): 3.3 mH

Axial Load Force Rating @ 3000 Rpm: 41 kg (92 lb)
Continuous Torque: 19.4 Nm (172 lb-in)
Rotor Inertia: 0.00147 kg-m² (0.013 lb-in-s²)
Voltage Class: 230 Volt
Winding Resistance (phase To Phase @ 25°C): 0.167 ?

Contact Us

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Shipping Options



Payment Methods

