



Kollmorgen - XSM Centurion Servo Motors

XSM165-172-404-S-2KA



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The **XSM165-172-404-S-2KA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Axial Load Rating @2000 rpm:	49 kg (109 lb)	Back EMF Constant (ke):	130 V/kRPM	Continuous Torque:	19.4 Nm (172 lb? in)
Mounting Diameter:	165 mm / 6.496 in	Mounting Pilot Diameter:	130 mm / 5.118 in	Peak Torque:	48.6 Nm (430 lb? in)
Pilot Diameter Tolerance:	+0.014/? 0.009 mm; +0.0006/? 0.0003 in	Radial Load Rating @1000 rpm:	67 kg (149 lb)	Rotor Inertia:	0.00147 kg·m ² (0.013 lb·in·s ²)
Shaft Diameter:	28 mm / 1.1024 in	Shaft Diameter Tolerance:	+0.009/? 0.004 mm; +0.0003/? 0.0002 in	Shaft Length (non? brake):	233 mm / 9.173 in
Torque Constant (kt):	1.07 Nm/Amp	Weight:	15 kg (33 lb)	Winding Inductance (phase?to?phase):	13 mH
Winding Resistance (phase?to?phase @25 °C):	0.65 ?	Last Verified:	08/16/2025 5:33 AM		

Contact Us

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Shipping Options



Payment Methods

