



Kollmorgen - XSM Centurion Servo Motors

XSM100-27-504-M-2AA



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The **XSM100-27-504-M-2AA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Continuous Torque:	3.1 Nm (27 lb-in)	Dimension L:	7.46 in (189.3 mm)	Dimension La (shaft Extension Length):	0.39 in (9.9 mm)
Dimension Lb (body Length):	5.88 in (149.3 mm)	Ke (back Emf Constant):	96 Volts/kRPM	Kt (torque Constant):	0.79 Nm/Amp
Mounting Flange Diameter (m):	3.937 in (100 mm)	Peak Torque:	7.9 Nm (70 lb-in)	Pilot Diameter (n):	3.15 in (80 mm)
Rotor Inertia:	0.00008 kg-m ² (0.0007 lb-in-s ²)	Rotor Weight:	3.7 kg (8.0 lb)	Shaft Diameter (d):	0.6299 in (16 mm)
Voltage Class:	460 Volt	Winding Inductance Phase To Phase:	42 mH	Winding Resistance:	7.5 (Phase to Phase @ 25°C)
Last Verified:	08/16/2025 10:41 AM				

Contact Us

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Payment Methods



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