

Kollmorgen - XSM Centurion Servo Motors

XSM100-27-502-M-0AA



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The **XSM100-27-502-M-0AA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Bearing Load Reduction:	Yes, with proper alignment	Bearing Type:	Pre-lubricated high-speed bearings	Brake Power Requirement:	No brake power input
Continuous Torque:	3.1 Nm (27 lb-in)	Encoder Power Supply Voltage:	+5VDC nominal input	Maximum Shock Load:	Consult specific ratings
Nominal Motor Speed Range:	Up to 5000 RPM	Rated Life Expectancy:	Long operational life under standard conditions	Rotor Inertia:	0.00009 kg-m ² (0.00078 lb-in-s ²)
Shaft Seal Lubrication Required:	Yes	Typical Application:	CNC machine tools	Voltage Constant (K_e):	52 V/kRPM
Weight:	3.6 kg (7.9 lb)	Winding Inductance:	12 mH	Winding Resistance:	1.8 ?
Last Verified:	07/06/2025 11:20 AM				

Contact Us

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Shipping Options



Payment Methods



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