



Kollmorgen - XSM Centurion Servo Motors

XSM100-27-502-S-2AA



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The **XSM100-27-502-S-2AA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Encoder Line Count:	2000 pulse/rev (high-resolution available)	Grounding Requirement:	Single-point parallel grounding system	Machine Design Consideration:	Requires returning once a load is applied
Mechanical Load Life Expectancy:	20,000-hour L10 bearing fatigue life	Power Cable Shielding:	Grounded at both ends for noise immunity	Rotor Inertia:	0.00009 kg-m ² (0.00078 lb-in-s ²)
Typical Application:	Automated material handling	Voltage Constant (Ke):	52 V/kRPM	Weight:	3.6 kg (7.9 lb)
Winding Resistance:	1.8 ?	Last Verified:	06/04/2025 8:43 PM		

Contact Us

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