



Kollmorgen - XSM Centurion Servo Motors

XSM165-95-402-M-2KA



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The **XSM165-95-402-M-2KA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Back Emf Constant (ke):	65 Volts/kRPM	Continuous Torque:	10.7 Nm (95 lb-in)	Flange Diameter:	165 mm (6.496 in)
Key Slot Depth:	3.38 mm (0.133 in)	Mounting Hole Diameter:	12 mm (0.481 in)	Overall Length:	283.8 mm (11.173 in) with Brake
Peak Torque:	24.3 Nm (215 lb-in)	Rotor Inertia:	0.00078 kg-m ² (0.0069 lb-in-s ²)	Rotor Material:	High energy neodymium magnets
Shaft Diameter:	28 mm (1.1024 in)	Shaft End Thread Hole:	M10 x 1.5-6 mm, Depth: 22 mm	Torque Constant (kt):	0.54 Nm/Amp
Weight:	9.8 kg (21.5 lb)	Winding Inductance:	7.0 mH (Phase to phase)	Winding Resistance:	0.4 Ohms (Phase to phase @ 25°C)
Last Verified:	09/05/2025 2:54 PM				

Contact Us

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Shipping Options



Payment Methods



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