



Kollmorgen - XSM Centurion Servo Motors

XSM115-42-502-S-2AA



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The **XSM115-42-502-S-2AA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

Axial Load Force at 1000 rpm: 51 kg (112 lb)

Encoder Current Draw: 200 mA

Index Pulses: Gated with A+ and B+ signals

Peak Torque: 13.5 Nm

Storage Temperature Range: -22 to +158 °F

Last Verified: 06/04/2025 10:41 PM

Axial Load Force at 5000 rpm: 25 kg (55 lb)

Encoder Input Voltage: +5 V DC

Keyway Positioning Accuracy: ± 10 degrees mechanical

Pole Design: 8 poles

Torque Constant: 0.41 Nm/Amp

Commutation Line Counts: 4 pulses per revolution
2000 pulses per revolution

Encoder Resolution: 5000 rpm

Maximum Speed: Grade 1144 Steel

Shaft Material: 5.6 mH (phase to phase)

Winding Inductance:

Contact Us

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Payment Methods



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