



Kollmorgen - XSM Centurion Servo Motors

XSM130-53-402-E2-0AA



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The **XSM130-53-402-E2-0AA** is a part of the **XSM Centurion Servo Motors Series** by Kollmorgen.

Specifications

**Axial Load Rating
(5000 Rpm, Zero
Radial Load):**

25 kg (55 lb)

**Ke (back Emf
Constant):**

62 Volts/kRPM

Peak Torque:

13.5 Nm (120 lb-in)

**Winding Inductance
(phase To Phase):**

7.6 mH

Continuous Torque:

6.0 Nm (53 lb-in)

Kt (torque Constant):

0.48 Nm/Amp

Rotor Inertia:

0.00027 kg-m²
(0.0024 lb-in-s²)

**Winding Resistance
(phase To Phase @
25°C):**

0.88 Ohms

**Dimensions For Shaft
Thread:**

M8 x 1.25 mm
thread, depth 19
mm (0.74 in)

**Maximum Radial Load
(5000 Rpm):**

56 kg (124 lb)

Weight:

5.9 kg (13 lb)

Last Verified:

09/05/2025
6:46 AM

Contact Us

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Shipping Options



Payment Methods



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