



## Kollmorgen - XSM Centurion Servo Motors

### XSM100-27-502-S-0AA



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

## Specifications

### Cable Length Recommendation:

Keep cables short

### Continuous Torque:

3.1 Nm (27 lb-in)

### Encoder Output Type:

TTL line driver

### Feedback Type:

High-resolution sine/cosine encoder

### Motor Connection Method:

Torsion rigid couplers or reinforced timing belts

### Nominal Speed:

5000 RPM

### Peak Torque:

7.9 Nm (70 lb-in)

### Power Input Phase Configuration:

3-phase

### Shielding Requirements:

Shielded motor cables required

### Signal Wiring Recommendation:

No parallel signal and power wiring  
06/04/2025

### Typical Application:

High-speed servo applications


### Winding Inductance:

12 mH

### Last Verified:

10:02 PM

## Contact Us

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## Shipping Options



## Payment Methods



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