



Kollmorgen - FSM Brushless Servo Motors

FSM490



In Stock, Ships Today

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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Free Ground
Shipping



One Year
Warranty

The **FSM490** is a part of the **FSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Brake Motor Shipping Weight: kg 10.9, lb 24

Max. Operating Speed: 4000 rpm

Poles: 8

Square Wave Torque Constant: Nm/A .60, lb-in/A 5.3

Voltage Constant: V/krpm 66
06/05/2025

Last Verified: 3:37 AM

Damping:
Motor Shipping Weight:

Rotor Moment Of Inertia: kg-m2 .0011, lb-in-s2 .010
-30 to 70 degrees

Storage Temperature: C

Winding Inductance: mH 6.8

Nm/krpm .06, lb-in/krpm .5

kg 9.1, lb 20

kg-m2 .0011, lb-in-s2 .010
-30 to 70 degrees

C

mH 6.8

Friction Torque:
Operating Temperature:

Sine Wave Torque Constant:

Thermal Resistance:

Winding Resistance:

Nm .063, lb-in .56

0 to 40 degrees C

Nm/A .54, lb-in/A 4.8

oC/Watt .63

Ohms 2.24 ~15%

Contact Us

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Shipping Options



Payment Methods

