

## 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



Secure Online  
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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

**Storage Temperature:** -30 to 70 degrees C

**Winding Inductance:** mH 6.8

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

kg 9.1, lb 20

**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

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

### Shipping Options



### Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.