



## Kollmorgen - FSM Brushless Servo Motors

### FSM610



In Stock, Shipping Varies

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



Secure Online  
Checkout



Free Ground  
Shipping



One Year  
Warranty

The **FSM610** is a part of the **FSM Brushless Servo Motors Series** by **Kollmorgen**.

### Specifications

**Damping (lb-in/krpm):** 1.4 lb-in/krpm

**Friction Torque (Nm):** 0.17 Nm

**Rotor Moment of Inertia (kg-m<sup>2</sup>):** 0.0064 kg-m<sup>2</sup>

**Square Wave Torque Constant:** 0.78 Nm/A

**Torque Constant (Nm/A):** 0.78 Nm/A

**Last Verified:** 08/16/2025 5:57 PM

**Damping (Nm/krpm):** 0.16 Nm/krpm

**Max. Operating Speed:** 3000 rpm

**Rotor Moment of Inertia (lb-in<sup>2</sup>):** 0.057 lb-in<sup>2</sup>

**Thermal Resistance:** 0.45 °C/Watt

**Winding Inductance:** 3.3 mH

**Friction Torque (lb-in):** 1.5 lb-in

**Poles:** 8

**Sine Wave Torque Constant:** 0.71 Nm/A

**Torque Constant (lb-in/A):** 6.9 lb-in/A

**Winding Resistance:** 0.51 ?

### 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.