



Kollmorgen - HSM Brushless Servo Motors

HSM610



[Request a Quote](#)

- ✓ 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 **HSM610** is a part of the **HSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Ambient Temperature (Operating) : 0 to 40°C

Max. Operating Speed: 3000 rpm

Poles: 8

Sine Wave Torque Constant: 0.68 Nm/A

Voltage Constant: 82 V/krpm

Last Verified: 08/15/2025 5:22 PM

Damping: 0.10 Nm/krpm

Motor Weight (Net): 18.3 kg

Relative Humidity: 5% to 95%

Square Wave Torque Constant: 0.74 Nm/A

Winding Inductance: 4.4 mH

Friction Torque: 0.14 Nm

Motor Weight (Shipping): 19.2 kg

Rotor Moment of Inertia: 0.012 lb-in²

Thermal Resistance: 0.34 °C/Watt

Winding Resistance: 0.49 ?

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

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.