



Kollmorgen - HSM Brushless Servo Motors

HSM205



In Stock, Ships Fast

- ✓ 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 **HSM205** is a part of the **HSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Damping:	0.007 Nm/krpm	Dielectric Rating (power Leads):	1500 VACrms for 1 minute	Friction Torque:	0.014 Nm
Max. Operating Speed:	6000 RPM	Maximum Radial Load Force At 5000 Rpm:	49 lb (29.5 kg)	Poles:	4
Rotor Moment Of Inertia:	0.000015 kg-m ²	Sine Wave Kt Torque Constant:	0.13 Nm/A	Square Wave Kt Torque Constant:	0.14 Nm/A
Thermal Resistance:	1.45 degrees C/Watt	Voltage Constant Ke:	16 V/krpm	Weight (net):	2.2 kg (4.9 lb)
Winding Inductance:	4.1 mH	Winding Resistance:	2.6 Ohms	Last Verified:	12/13/2025 1:32 PM

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.