



Kollmorgen - HSM Brushless Servo Motors

HSM845



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The **HSM845** is a part of the **HSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Brake Coil Current:	0.75 ADC at 90 VDC	Brake Engaged Current:	2.00 ADC at 24 VDC	Friction Torque:	3.5 lb-in (0.40 Nm)
Holding Torque With Brake:	450 lb-in (50.8 Nm)	Ke Voltage Constant:	112 V/kRPM	Kt Torque Constant:	8.2 lb-in/A (0.92 Nm/A)
Max Continuous Operating Speed:	4500 RPM	Peak Torque:	700 lb-in (79.1 Nm)	Rotor Moment Of Inertia:	0.083 lb-in-s ² (0.0094 kg-m ²)
Thermal Resistance:	0.21°C/watt	Torque Constant @ 25°C:	9 lb-in/A (1.0 Nm/A)	Weight:	123.6 lbs (56.1 kg)
Winding Inductance:	2.4 mH	Winding Resistance:	0.10 ohms	Last Verified:	05/08/2025 10:08 AM

Contact Us

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Shipping Options



Payment Methods



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