



Kollmorgen - HSM Brushless Servo Motors

HSM620



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The **HSM620** is a part of the **HSM Brushless Servo Motors Series** by **Kollmorgen**.

Specifications

Brake Coil Current At 24 Vdc: 1.30 ADC

Encoder Supply Voltage: 5 VDC

Motor Weight: Net: 18.3 kg (40.3 lbs)
Sine Wave Torque Constant: 0.74 Nm/A (6.6 lb-in/A)
Voltage Constant: 90 V/krpm
Last Verified: 05/07/2025 7:31 PM

Dimensions (I X W X H, With Brake):

Ip Rating:

Poles:
Square Wave Torque Constant:
Winding Inductance:

406 mm x 114.3 mm x 101 mm
(15.98 in x 4.50 in x 4.00 in)
IP65 package with appropriate connectors and seals

6
0.81 Nm/A (7.2 lb-in/A)
5.4 mH

Encoder Line Count:

Max. Operating Speed:

Radial Load Force Rating At 2000 Rpm:

Thermal Resistance:
Winding Resistance:

2000 lines


3000 rpm

296 lb (179.2 kg)

0.48 °C/Watt

0.90 Ohms ±10%

Contact Us

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Shipping Options



Payment Methods

