



## Kollmorgen - HSM Brushless Servo Motors

### HSM630



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The **HSM630** is a part of the **HSM Brushless Servo Motors Series** by **Kollmorgen**.

### Specifications

<b>Brake Torque:</b>	275 Nm with 1.3 ADC at 90 VDC	<b>Continuous Rated Torque:</b>	16.9 Nm (150 lb-in)	<b>Continuous Stall Torque:</b>	33.9 Nm (300 lb-in)
<b>Damping:</b>	1.7 lb-in/kRPM (0.19 Nm/kRPM)	<b>Friction Torque:</b>	3.2 lb-in (0.36 Nm)	<b>Inertia:</b>	0.0034 kgm <sup>2</sup> (0.030 lb-in-S <sup>2</sup> )
<b>Motor Weight:</b>	34.8 kg (76.8 lb)	<b>Peak Corner Speed:</b>	2000 RPM	<b>Peak Rated Torque:</b>	44.1 Nm (390 lb-in)
<b>Peak Stall Torque:</b>	79.1 Nm (700 lb-in)	<b>Power Connector:</b>	MS3102R24-22P	<b>Radial Load Force:</b>	395 kg at 500 RPM; 299 kg at 1000 RPM; 221 kg at 2000 RPM
<b>Rated Speed:</b>	3000 RPM	<b>Rotor Moment Of Inertia:</b>	0.030 lb-in-s <sup>2</sup>	<b>Thermal Resistance:</b>	0.24°C/watt
<b>Last Verified:</b>	05/07/2025 8:32 PM				

### Contact Us

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### Shipping Options



### Payment Methods



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