

Kollmorgen - E Hybrid Stepper Motors

E41 SMHS-LSS-NS-05



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The **E41 SMHS-LSS-NS-05** is a part of the **E Hybrid Stepper Motors Series** by Kollmorgen.

Specifications

Axial Force:	400 lb (1780 N)	Encoder Lines Per Revolution:	500 or 1000	Encoder Operating Temperature:	-40 to 100 °C
Encoder Output Format:	Dual Channel Quadrature with Index (Z)	Encoder Output Frequency:	100 kHz	Encoder Supply Voltage:	5 VDC ±10%
Encoder Type:	Optical Incremental	Holding Torque:	1380 oz-in (9.74 Nm)	Phase Inductance:	2.5 mH
Phase Resistance:	0.16 ohms	Radial Force:	140 lb (623 N)	Rated Current/phase:	10.6 Amps
Rotor Inertia:	0.080 oz-in-s ² (0.565 kg-m ² x 10 ⁻³)	Thermal Resistance:	1.8 °C/Watt	Weight:	10.9 lb (4.94 kg)
Last Verified:	07/05/2025 2:07 PM				

Contact Us

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