



Kollmorgen - H Hybrid Motors

H31NLLT-LNN-NS-01



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The **H31NLLT-LNN-NS-01** is a part of the **H Hybrid Motors Series** by Kollmorgen.

Specifications

Axial Force Capacity: 180 lb (801 N)
Encoder Option: Mounted MS Connector available
Motor Construction Configuration: Splashproof Construction, Terminal Board
Radial Force Capacity: 35 lb (156 N)
Shaft Loading: Standard configuration
Last Verified: 06/04/2025 9:50 PM

Dimension C: 0.705 inches [17.91 mm]
Frame Size: NEMA 42
Phase Inductance: 1.0 mH
Rated Current/phase: 8.4 Amps
Thermal Resistance: 3.9°C/Watt

Dimension L1 Maximum: 5.61 inches [142.5 mm]
Holding Torque (2 Phases On): 239 oz-in (1.69 Nm)
Phase Resistance: 0.13 Ohms
Rotor Inertia: 0.0083 oz-in-s² (0.0586 kg-m² x 10⁻³)
Weight: 3.2 lb (1.45 kg)

Contact Us

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Shipping Options



Payment Methods

