

Kollmorgen - E Hybrid Stepper Motors

E31NRHT-LDN-M3-00



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The **E31NRHT-LDN-M3-00** is a part of the **E Hybrid Stepper Motors Series** by Kollmorgen.

Specifications

| | | | | | |
|---------------------------------|--|-----------------------------|---|--------------------------------------|-----------------------------|
| Construction/Connection: | Splashproof via PG11 conduit connector (sizes 3,4) | Encoder Option: | BEI mounting provision; requires shaft config D | Frame Size: | NEMA 34 (3.38 in dia) |
| Holding Torque: | 344 oz?in (2.43 Nm) | Lead Connections: | 6 leads | Phase Inductance: | 1.1 mH |
| Phase Resistance: | 0.13 ? | Rated Current/Phase: | 8.4 A DC | Rotor Inertia: | 0.0083 oz?in-s ² |
| Rotor Stacks: | 3 | Shaft: | Double?ended for encoder | Shaft Axial Load: | 180 lb (801 N) |
| Shaft Modification: | Straight key | Shaft Radial Load: | 35 lb (156 N) | Thermal Resistance (mounted): | 3.9 °C/Watt |
| Winding Type: | Max torque at high speed | Last Verified: | 06/05/2025 10:44 AM | | |

Contact Us

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Shipping Options



Payment Methods



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