

## Kollmorgen - DDR Direct Drive Motors

### DH102A-22-1210S



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The **DH102A-22-1210S** is a part of the **DDR Direct Drive Motors Series** by Kollmorgen.

## Specifications

|   |   |  |   |  |                       |
|---|---|--|---|--|-----------------------|
| <b>Accuracy (arc-sec):</b>                  | ± 26 (Sine Encoder)                                       | <b>Connector Types:</b>                          | Straight or 90° options available       | <b>Continuous Torque (tc) At 40°C:</b>       | 46.8 lb-ft (63.4 N-m) |
| <b>Feedback Cable Bend Radius (static):</b> | 107 mm (4.2 in)   | <b>Flange Outer Diameter:</b>                    | 12.995 - 12.990 in (330.06 / 329.94 mm) | <b>Intermittent Duty Zone Torque (peak):</b> | ~186 lb-ft (~252 N-m) |
| <b>Max Dynamic Axial Compression Load:</b>  | 11,700 lbf (5,300 kg)                                     | <b>Max Operating Speed (230v):</b>               | 300 RPM (5.0 RPS)                       | <b>Operating Voltage:</b>                    | 480/400 VAC           |
| <b>Peak Torque (tp):</b>                    | 155 lb-ft (210 N-m)                                       | <b>Repeatability (sine Encoder):</b>             | ± 0.62 arc-sec                          | <b>Resolution (sine Encoder):</b>            | 1,048,576 counts/rev  |
| <b>Rotor Inertia:</b>                       | 0.0732 lb-ft-sec <sup>2</sup> (0.0992 kg-m <sup>2</sup> ) | <b>Static Friction Adder (for Sealed Units):</b> | 2.6 lb-ft (3.5 N-m)                     | <b>Weight:</b>                               | 96.5 lb (43.8 kg)     |
| <b>Last Verified:</b>                       | 09/04/2025 4:43 PM  |  |   |  |                       |

## Contact Us

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## Shipping Options



## Payment Methods

