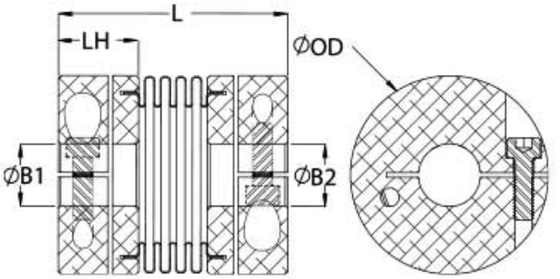
| | | | |
|---|---|---|---|
| O.D. (D): | 3.125 in (79.4 mm) | Dynamic Torque Reversing: | 337.5 lb-in (38 Nm) |
| Brand: | Ruland | Hex Wrench Size: | 6.0 mm |
| Maximum Speed: | 10000 RPM | Screw Finish: | Black Oxide |
| Zero-Backlash?: | Yes | Material: | Aluminum |
| Balanced Design: | Yes | Bore (B1): | 1.6250 in |
| UNSPC: | 31163018 | Bore (B2): | 28 mm |
| Cap Screw: | M8 | Keyway: | No |
| Static Torque: | 1350 lb-in (152 Nm) | B1 Max Shaft Penetration: | 1.750 in (44.5 mm) |
| Dynamic Torque Non-Reversing: | 675 lb-in (76 Nm) | B2 Max Shaft Penetration: | 1.750 in (44.5 mm) |
| Temperature: | -40°F to 200°F (-40°C to 93°C) | Screw Material: | Alloy Steel |
| Angular Misalignment: | 2.0 deg | Bore Tolerance: | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm) |
| Torsional Stiffness: | 3500 lb-in/Deg(395.5 Nm/Deg) | Length (L): | 3.816 in (96.9 mm) |
| Parallel Misalignment: | 0.012 in (0.30 mm) | ISO 9001:2015: | Certified |
| Axial Motion: | 0.030 in (0.76 mm) | REACH: | Compliant |
| Bellows Attachment Method: | Epoxy | RoHS3: | Compliant |
| Length Tolerance: | +/- 0.030 in (0.76 mm) | Conflict Minerals: | Compliant |
| Recommended Hex Key: | Metric Hex Keys | Tariff Code: | 8483.60.8000 |
| B1 Min Shaft Penetration: | 0.875 in (22.2 mm) | Number of Screws: | 2 |
| Product Group: | Bellows Coupling Standard Length | Seating Torque: | 39 Nm |
| Shaft Tolerance: | +0.0000 in / -0.0005 in | B2 Min Shaft Penetration: | 0.875 in (22.2 mm) |

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|---|---|
| COMPONENT | Bellows Coupling Standard Length |

Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
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# BC50-15/8"-28MM-A

**Ruland**

15/8" X 28mm Bores, 3.125" (79.4 Mm), Od, 3.816" (96.9 Mm) Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Inch/Metric

SHEET