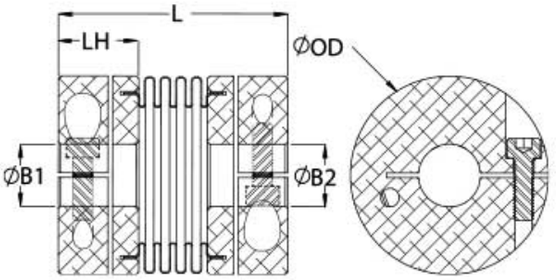


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|---|---|---|---|
| O.D. (D): | 0.590 in (15.0 mm) | Static Torque: | 22 lb-in (2.5 Nm) |
| Brand: | Ruland | Screw Material: | Alloy Steel |
| Dynamic Torque Reversing: | 5.5 lb-in (0.62 Nm) | Bore Tolerance: | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm) |
| Shaft Tolerance: | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm | Material: | Aluminum |
| Zero-Backlash?: | Yes | Bore (B1): | 5 mm |
| Balanced Design: | Yes | Bore (B2): | 0.1875 in |
| UNSPC: | 31163018 | Keyway: | No |
| Cap Screw: | M2 | B1 Max Shaft Penetration: | 0.517 in (13.1 mm) |
| Dynamic Torque Non-Reversing: | 11 lb-in (1.25 Nm) | B2 Max Shaft Penetration: | 0.517 in (13.1 mm) |
| Hex Wrench Size: | 1.5 mm | Seating Torque: | 0.6 Nm |
| Maximum Speed: | 10000 RPM | Screw Finish: | Black Oxide |
| Torsional Stiffness: | 72 lb-in/Deg (8 Nm/Deg) | Length (L): | 1.076 in (27.3 mm) |
| Angular Misalignment: | 1.5 deg | ISO 9001:2015: | Certified |
| Parallel Misalignment: | 0.004 in (0.10 mm) | REACH: | Compliant |
| Axial Motion: | 0.008 in (0.20 mm) | RoHS3: | Compliant |
| Bellows Attachment Method: | Epoxy | Conflict Minerals: | Compliant |
| Length Tolerance: | +/- 0.030 in (0.76 mm) | Tariff Code: | 8483.60.8000 |
| Temperature: | -40°F to 200°F (-40°C to 93°C) | Number of Screws: | 2 ea |
| Product Group: | Bellows Coupling Standard Length | Recommended Hex Key: | Metric Hex Keys |

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

| | | | | |
|---|---|---|---|---|
| | Pacific International Bearing, Inc.<br>33258 Central Ave, Union City, CA 94587<br>1-800-228-8895, 510-512-7000,<br>info@pibsales.com<br>www.pibsales.com | This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. PIB makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications. | BC10-5MM-3/16"-A<br>**Ruland**<br>5mm X 3/16" Bores, 0.590" (15.0mm), Od, 1.076" (27.3mm) Length, Bellows Coupling, High Stiffness, Aluminum | UNIT<br>Inch/Metric<br>SHEET |