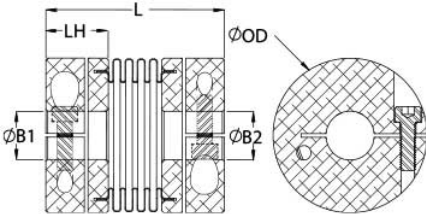




| | |
|------------------------------|---|
| Brand | Ruland |
| Screw Material | Alloy Steel |
| Material | Aluminum |
| Bore (B1) | 0.2500 in |
| Bore (B2) | 3 mm |
| Keyway | No |
| B1 Max Shaft Penetration | 0.517 in (13.1 mm) |
| B2 Max Shaft Penetration | 0.517 in (13.1 mm) |
| Seating Torque | 0.6 Nm |
| Bore Tolerance | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm) |
| Screw Finish | Black Oxide |
| ISO 9001:2015 | Certified |
| REACH | Compliant |
| RoHS3 | Compliant |
| Conflict Minerals | Compliant |
| Tariff Code | 8483.60.8000 |
| Number of Screws | 2 ea |
| O.D. (D) | 0.590 in (15.0 mm) |
| Length (L) | 1.076 in (27.3 mm) |
| Static Torque | 22 lb-in (2.5 Nm) |
| Maximum Speed | 10000 RPM |
| Product Group | Bellows Coupling Standard Length |
| Shaft Tolerance | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm |
| Zero-Backlash? | Yes |
| Balanced Design | Yes |
| UNSPC | 31163018 |
| Cap Screw | M2 |
| Dynamic Torque Non-Reversing | 11 lb-in (1.25 Nm) |
| Dynamic Torque Reversing | 5.5 lb-in (0.62 Nm) |
| Hex Wrench Size | 1.5 mm |
| Torsional Stiffness | 72 lb-in/Deg (8 Nm/Deg) |
| Angular Misalignment | 1.5 deg |
| Parallel Misalignment | 0.004 in (0.10 mm) |
| Axial Motion | 0.008 in (0.20 mm) |
| Bellows Attachment Method | Epoxy |
| Length Tolerance | +/- 0.030 in (0.76 mm) |
| Temperature | -40°F to 200°F (-40°C to 93°C) |
| Recommended Hex Key | Metric Hex Keys |



COMPONENT

Bellows Coupling Standard Length



Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587 1-800-228-8895,
510-512-7000,
info@pibsales.com
www.pibsales.com

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BC10-1/4"-3MM-A
Ruland
1/4" X 3mm Bores, 0.590" (15.0mm), Od, 1.076" (27.3mm) Length,
Bellows Coupling, High Stiffness, Aluminum

| UNIT |
|-------------|
| Inch/Metric |
| SHEET |