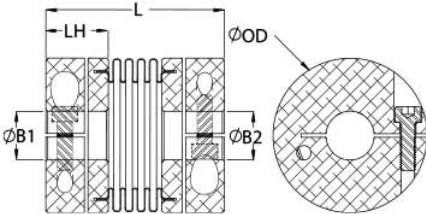






|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Screw Material               | Alloy Steel                                   |
| Material                     | Aluminum                                      |
| Bore (B1)                    | 5 mm                                          |
| Bore (B2)                    | 0.1875 in                                     |
| 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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**BC10-5MM-3/16"-A**  
**Ruland**  
5mm X 3/16" Bores, 0.590" (15.0mm), Od, 1.076" (27.3mm) Length,  
Bellows Coupling, High Stiffness, Aluminum

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