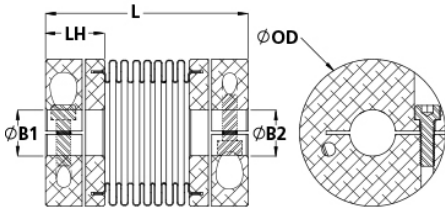






|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm)   |
| O.D. (D)                     | 0.750 in (19.1 mm)                            |
| Material                     | Aluminum                                      |
| Bore (B1)                    | 0.2500 in                                     |
| Bore (B2)                    | 6 mm                                          |
| Keyway                       | No                                            |
| B1 Max Shaft Penetration     | 0.570 in (14.5 mm)                            |
| Number of Screws             | 2 ea                                          |
| Length (L)                   | 1.355 in (34.4 mm)                            |
| Screw Material               | Alloy Steel                                   |
| Screw Finish                 | Black Oxide                                   |
| ISO 9001:2015                | Certified                                     |
| REACH                        | Compliant                                     |
| RoHS3                        | Compliant                                     |
| Conflict Minerals            | Compliant                                     |
| Tariff Code                  | 8483.60.8000                                  |
| B2 Max Shaft Penetration     | 0.570 in (14.5 mm)                            |
| Seating Torque               | 1.21 Nm                                       |
| Cap Screw                    | M2.5                                          |
| Static Torque                | 40 lb-in (4.5 Nm)                             |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)                |
| 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                                      |
| Hex Wrench Size              | 2.0 mm                                        |
| Maximum Speed                | 10000 RPM                                     |
| Dynamic Torque Non-Reversing | 20 lb-in (2.25 Nm)                            |
| Dynamic Torque Reversing     | 10 lb-in (1.13 Nm)                            |
| Torsional Stiffness          | 87 lb-in/Deg (9.8 Nm/Deg)                     |
| Angular Misalignment         | 3.0 deg                                       |
| Parallel Misalignment        | 0.008 in (0.20 mm)                            |
| Axial Motion                 | 0.020 in (0.51 mm)                            |
| Bellows Attachment Method    | Epoxy                                         |
| Length Tolerance             | +/- 0.030 in (0.76 mm)                        |



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

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.

**BCL12-1/4"-6MM-A**  
**Ruland**  
1/4" X 6mm Bores, 0.750" (19.1mm), Od, 1.355" (34.4 Mm) Length,  
Bellows Coupling, Increased Misalignment, Aluminum

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