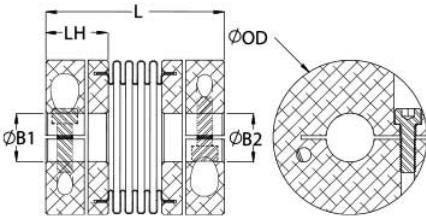






|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Screw Material               | Alloy Steel                      |
| Material                     | Aluminum                         |
| Bore (B1)                    | 0.3125 in                        |
| Bore (B2)                    | 0.3125 in                        |
| Keyway                       | No                               |
| B1 Max Shaft Penetration     | 0.626 in                         |
| B2 Max Shaft Penetration     | 0.626 in                         |
| Seating Torque               | 2.1 Nm                           |
| Bore Tolerance               | +0.001 in / -0.000 in            |
| 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)                     | 1.000 in (25.4 mm)               |
| Length (L)                   | 1.345 in (34.2 mm)               |
| Static Torque                | 60 lb-in                         |
| Maximum Speed                | 10000 RPM                        |
| Product Group                | Bellows Coupling Standard Length |
| Shaft Tolerance              | +0.0000 in / -0.0005 in          |
| Zero-Backlash?               | Yes                              |
| Balanced Design              | Yes                              |
| UNSPC                        | 31163018                         |
| Cap Screw                    | M3                               |
| Dynamic Torque Non-Reversing | 30 lb-in                         |
| Dynamic Torque Reversing     | 15 lb-in                         |
| Hex Wrench Size              | 2.5 mm                           |
| Torsional Stiffness          | 244 lb-in/Deg                    |
| Angular Misalignment         | 1.5 deg                          |
| Parallel Misalignment        | 0.004 in                         |
| Axial Motion                 | 0.012 in                         |
| Bellows Attachment Method    | Epoxy                            |
| Length Tolerance             | +/- 0.030 in                     |
| 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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**BC16-5-5-A**  
**Ruland**  
5/16" X 5/16" Bores, 1.000" Od, 1.345" Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Inch

SHEET