





|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Screw Material               | Alloy Steel                      |
| Material                     | Aluminum                         |
| Bore (B1)                    | 0.3750 in                        |
| Bore (B2)                    | 0.2500 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

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.

**BC16-6-4-A**  
**Ruland**  
3/8" X 1/4" Bores, 1.000" Od, 1.345" Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Inch

SHEET