



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 2.000 in (50.8 mm)                               | Seating Torque:           | 9.5 Nm                                         |
| Brand:                        | Ruland                                           | Length (L):               | 2.413 in (61.3 mm)                             |
| Static Torque:                | 400 lb-in (45.2 Nm)                              | Screw Material:           | Alloy Steel                                    |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Bore (B1):                | 0.6250 in                                      |
| Zero-Backlash?:               | Yes                                              | Bore (B2):                | 12 mm                                          |
| Balanced Design:              | Yes                                              | Keyway:                   | Yes                                            |
| UNSPC:                        | 31163018                                         | Keyway (K1):              | 3/16 in                                        |
| Cap Screw:                    | M5                                               | Keyway (K2):              | 4 mm                                           |
| Hex Wrench Size:              | 4.0 mm                                           | B2 Max Shaft Penetration: | 1.099 in (27.9 mm)                             |
| Dynamic Torque Non-Reversing: | 200 lb-in (22.60 Nm)                             | B1 Max Shaft Penetration: | 1.099 in (27.9 mm)                             |
| Torsional Stiffness:          | 950 lb-in/Deg (108 Nm/Deg)                       | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Dynamic Torque Reversing:     | 100 lb-in (11.30 Nm)                             | Number of Screws:         | 2 ea                                           |
| Angular Misalignment:         | 2.0 deg                                          | Screw Finish:             | Black Oxide                                    |
| Parallel Misalignment:        | 0.010 in (0.25 mm)                               | ISO 9001:2015:            | Certified                                      |
| Axial Motion:                 | 0.020 in (0.51 mm)                               | REACH:                    | Compliant                                      |
| Bellows Attachment Method:    | Epoxy                                            | RoHS3:                    | Compliant                                      |
| Length Tolerance:             | +/- 0.030 in (0.76 mm)                           | Conflict Minerals:        | Compliant                                      |
| Maximum Speed:                | 10000 RPM                                        | Tariff Code:              | 8483.60.8000                                   |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)                   | Material:                 | Aluminum                                       |
| Product Group:                | Bellows Coupling Standard Length                 | 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.

**BCK32-5/8"-12MM-A**  
**Ruland**  
5/8" X 12mm Bores, 2.000" (50.8mm), Od,  
2.413" (61.3mm) Length, Bellows Coupling  
With Keyways, High Stiffness, Aluminum

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