



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 1.000 in (25.4 mm)                               | Static Torque:            | 60 lb-in (6.8 Nm)                              |
| Brand:                        | Ruland                                           | Number of Screws:         | 2 ea                                           |
| Seating Torque:               | 2.1 Nm                                           | Screw Finish:             | Black Oxide                                    |
| Zero-Backlash?:               | Yes                                              | Bore (B2):                | 0.3125 in                                      |
| Balanced Design:              | Yes                                              | Keyway:                   | Yes                                            |
| UNSPC:                        | 31163018                                         | Keyway (K1):              | 4 mm                                           |
| Cap Screw:                    | M3                                               | Keyway (K2):              | NK                                             |
| Hex Wrench Size:              | 2.5 mm                                           | B2 Max Shaft Penetration: | 0.626 in (15.9 mm)                             |
| Dynamic Torque Non-Reversing: | 30 lb-in (3.40 Nm)                               | B1 Max Shaft Penetration: | 0.626 in (15.9 mm)                             |
| Dynamic Torque Reversing:     | 15 lb-in (1.70 Nm)                               | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Angular Misalignment:         | 1.5 deg                                          | Screw Material:           | Alloy Steel                                    |
| Torsional Stiffness:          | 244 lb-in/Deg (27 Nm/Deg)                        | Length (L):               | 1.345 in (34.2 mm)                             |
| Parallel Misalignment:        | 0.004 in (0.10 mm)                               | ISO 9001:2015:            | Certified                                      |
| Axial Motion:                 | 0.012 in (0.30 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                 | Bore (B1):                | 12 mm                                          |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Recommended Hex Key:      | Metric Hex Keys                                |

|           |                                  |
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| COMPONENT | Bellows Coupling Standard Length |
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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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**BCK16-12MM-5/16"-A**  
**Ruland**  
12mm X 5/16" Bores, 1.000" (25.4mm), Od,  
1.345" (34.2mm) Length, Bellows Coupling  
With Keyways, High Stiffness, Aluminum

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