



|                               |                                  |                           |                       |
|-------------------------------|----------------------------------|---------------------------|-----------------------|
| 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                        | Screw Material:           | Alloy Steel           |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in          | Bore (B1):                | 1.0000 in             |
| Zero-Backlash?:               | Yes                              | Bore (B2):                | 0.5000 in             |
| Balanced Design:              | Yes                              | Keyway:                   | Yes                   |
| UNSPC:                        | 31163018                         | Keyway (K1):              | 1/4 in                |
| Cap Screw:                    | M5                               | Keyway (K2):              | 1/8 in                |
| Hex Wrench Size:              | 4.0 mm                           | B2 Max Shaft Penetration: | 1.099 in              |
| Dynamic Torque Non-Reversing: | 200 lb-in                        | B1 Max Shaft Penetration: | 1.099 in              |
| Torsional Stiffness:          | 950 lb-in/Deg                    | Bore Tolerance:           | +0.001 in / -0.000 in |
| Dynamic Torque Reversing:     | 100 lb-in                        | Number of Screws:         | 2 ea                  |
| Angular Misalignment:         | 2.0 deg                          | Screw Finish:             | Black Oxide           |
| Parallel Misalignment:        | 0.010 in                         | ISO 9001:2015:            | Certified             |
| Axial Motion:                 | 0.020 in                         | REACH:                    | Compliant             |
| Bellows Attachment Method:    | Epoxy                            | RoHS3:                    | Compliant             |
| Length Tolerance:             | +/- 0.030 in                     | 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       |

|           |                                  |
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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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**BCK32-16-8-A**  
**Ruland**  
1" X 1/2" Bores, 2.000" Od, 2.413" Length,  
Bellows Coupling With Keyways, High  
Stiffness, Aluminum

|       |
|-------|
| UNIT  |
| Inch  |
| SHEET |