





|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Number of Screws             | 2 ea                                          |
| Material                     | Aluminum                                      |
| Bore (B1)                    | 0.8750 in                                     |
| Bore (B2)                    | 20 mm                                         |
| Keyway                       | Yes                                           |
| Keyway (K1)                  | 3/16 in                                       |
| Keyway (K2)                  | 6 mm                                          |
| B2 Max Shaft Penetration     | 1.496 in (38.0 mm)                            |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm)   |
| B1 Max Shaft Penetration     | 1.496 in (38.0 mm)                            |
| Screw Material               | Alloy Steel                                   |
| Screw Finish                 | Black Oxide                                   |
| ISO 9001:2015                | Certified                                     |
| REACH                        | Compliant                                     |
| RoHS3                        | Compliant                                     |
| Conflict Minerals            | Compliant                                     |
| Tariff Code                  | 8483.60.8000                                  |
| O.D. (D)                     | 2.250 in (57.2 mm)                            |
| Length (L)                   | 3.235 in (82.2 mm)                            |
| Static Torque                | 530 lb-in (60.00 Nm)                          |
| Dynamic Torque Non-Reversing | 265 lb-in (30.00 Nm)                          |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)                |
| Product Group                | Bellows Coupling Standard Length              |
| Shaft Tolerance              | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm |
| Zero-Backlash?               | Yes                                           |
| Balanced Design              | Yes                                           |
| UNSPC                        | 31163018                                      |
| Cap Screw                    | M6                                            |
| Hex Wrench Size              | 5.0 mm                                        |
| Seating Torque               | 16 Nm                                         |
| Dynamic Torque Reversing     | 132 lb-in (15.00 Nm)                          |
| Torsional Stiffness          | 1200 lb-in/Deg (135 Nm/Deg)                   |
| Angular Misalignment         | 2.0 deg                                       |
| Parallel Misalignment        | 0.012 in (0.30 mm)                            |
| Axial Motion                 | 0.030 in (0.76 mm)                            |
| Bellows Attachment Method    | Epoxy                                         |
| Length Tolerance             | +/- 0.030 in (0.76 mm)                        |
| Maximum Speed                | 10000 RPM                                     |
| 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.

**BCK36-7/8"-20MM-A**  
**Ruland**  
7/8" X 20mm Bores, 2.250" Od, 3.235" Length, Bellows Coupling With  
Keyways, High Stiffness, Aluminum

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