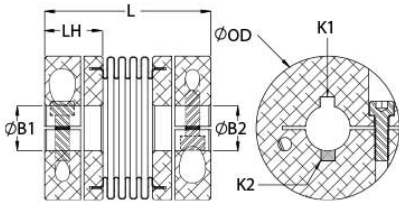






|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Bore Tolerance               | +0.001 in / -0.000 in            |
| Material                     | Aluminum                         |
| Bore (B1)                    | 1.5000 in                        |
| Bore (B2)                    | 1.1250 in                        |
| Keyway                       | Yes                              |
| Keyway (K1)                  | 3/8 in                           |
| Keyway (K2)                  | 1/4 in                           |
| B1 Max Shaft Penetration     | 1.750 in                         |
| Seating Torque               | 39 Nm                            |
| B2 Max Shaft Penetration     | 1.750 in                         |
| Screw Material               | Alloy Steel                      |
| Screw Finish                 | Black Oxide                      |
| ISO 9001:2015                | Certified                        |
| REACH                        | Compliant                        |
| RoHS3                        | Compliant                        |
| Conflict Minerals            | Compliant                        |
| Tariff Code                  | 8483.60.8000                     |
| Number of Screws             | 2                                |
| O.D. (D)                     | 3.125 in (79.4 mm)               |
| Length (L)                   | 3.808 in (96.7 mm)               |
| Dynamic Torque Non-Reversing | 675 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                    | M8                               |
| Static Torque                | 1350 lb-in                       |
| Dynamic Torque Reversing     | 337.5 lb-in                      |
| Torsional Stiffness          | 3500 lb-in/deg                   |
| Hex Wrench Size              | 6.0 mm                           |
| Angular Misalignment         | 2.0 deg                          |
| Parallel Misalignment        | 0.012 in                         |
| Axial Motion                 | 0.030 in                         |
| Bellows Attachment Method    | Epoxy                            |
| Length Tolerance             | +/- 0.030 in                     |
| Recommended Hex Key          | Metric Hex Keys                  |
| B1 Min Shaft Penetration     | 0.875 in                         |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)   |
| B2 Min Shaft Penetration     | 0.875 in                         |



|           |                                  |
|-----------|----------------------------------|
| 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.

**BCK50-24-18-A**  
**Ruland**  
1 1/2" X 1 1/8" Bores, 3.125", Od, 3.816" Length, Bellows Coupling With  
Keyways, High Stiffness, Aluminum

UNIT

Inch

SHEET