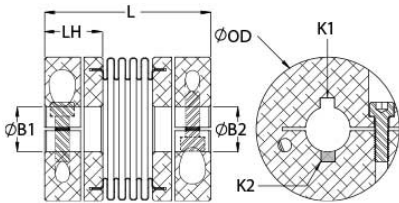






|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Bore Tolerance               | +0.03 mm / -0.00 mm              |
| Material                     | Aluminum                         |
| Bore (B1)                    | 45 mm                            |
| Bore (B2)                    | 32 mm                            |
| Keyway                       | Yes                              |
| Keyway (K1)                  | 14 mm                            |
| Keyway (K2)                  | 10 mm                            |
| B1 Max Shaft Penetration     | 44.5 mm                          |
| Seating Torque               | 39 Nm                            |
| B2 Max Shaft Penetration     | 44.5 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                     |
| 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 | 76 Nm                            |
| Maximum Speed                | 10000 RPM                        |
| Product Group                | Bellows Coupling Standard Length |
| Shaft Tolerance              | +0.000 mm / -0.013 mm            |
| Zero-Backlash?               | Yes                              |
| Balanced Design              | Yes                              |
| UNSPC                        | 31163018                         |
| Cap Screw                    | M8                               |
| Static Torque                | 152 Nm                           |
| Dynamic Torque Reversing     | 38 Nm                            |
| Torsional Stiffness          | 395.5 Nm/Deg                     |
| Hex Wrench Size              | 6.0 mm                           |
| Angular Misalignment         | 2.0 deg                          |
| Parallel Misalignment        | 0.30 mm                          |
| Axial Motion                 | 0.76 mm                          |
| Bellows Attachment Method    | Epoxy                            |
| Length Tolerance             | +/- 0.76 mm                      |
| Recommended Hex Key          | Metric Hex Keys                  |
| B1 Min Shaft Penetration     | 22.2 mm                          |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)   |
| B2 Min Shaft Penetration     | 22.2 mm                          |



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

**MBCK80-45-32-A**  
**Ruland**  
45mm X 32mm Bores, 79.4mm, Od, 96.9mm Length, Bellows Coupling With  
Keyways, High Stiffness, Aluminum

|        |
|--------|
| UNIT   |
| Metric |
| SHEET  |