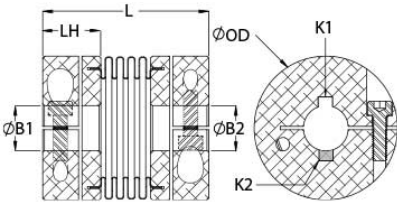






|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Bore Tolerance               | +0.001 in / -0.000 in            |
| Material                     | Aluminum                         |
| Bore (B1)                    | 1.0000 in                        |
| Bore (B2)                    | 0.8750 in                        |
| Keyway                       | Yes                              |
| Keyway (K1)                  | 1/4 in                           |
| Keyway (K2)                  | 3/16 in                          |
| B1 Max Shaft Penetration     | 1.582 in                         |
| Seating Torque               | 39 Nm                            |
| B2 Max Shaft Penetration     | 1.582 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 ea                             |
| O.D. (D)                     | 2.750 in (69.9 mm)               |
| Length (L)                   | 3.439 in (87.4 mm)               |
| Dynamic Torque Non-Reversing | 462.5 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                | 925 lb-in                        |
| Dynamic Torque Reversing     | 231.3 lb-in                      |
| Torsional Stiffness          | 2100 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     | 0.750 in                         |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)   |
| B2 Min Shaft Penetration     | 0.750 in                         |



|           |                                  |
|-----------|----------------------------------|
| COMPONENT | Bellows Coupling Standard Length |
|-----------|----------------------------------|



Pacific International Bearing, Inc.  
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**BCK44-16-14-A**  
**Ruland**  
1" X 7/8" Bores, 2.750", Od, 3.439" Length, Bellows Coupling With Keyways,  
High Stiffness, Aluminum

UNIT

Inch

SHEET