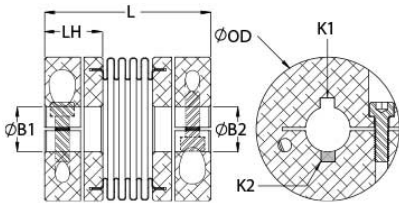






|                              |                                  |
|------------------------------|----------------------------------|
| Brand                        | Ruland                           |
| Bore Tolerance               | +0.03 mm / -0.00 mm              |
| Material                     | Aluminum                         |
| Bore (B1)                    | 42 mm                            |
| Bore (B2)                    | 35 mm                            |
| Keyway                       | Yes                              |
| Keyway (K1)                  | 12 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

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**MBCK80-42-35-A**  
**Ruland**  
42mm X 35mm Bores, 79.4mm, Od, 96.9mm Length, Bellows Coupling With  
Keyways, High Stiffness, Aluminum

UNIT

Metric

SHEET