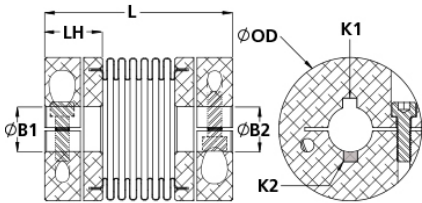






|                              |                                    |
|------------------------------|------------------------------------|
| Brand                        | Ruland                             |
| Number of Screws             | 2 ea                               |
| Material                     | Aluminum                           |
| Bore (B1)                    | 14 mm                              |
| Bore (B2)                    | 10 mm                              |
| Keyway                       | Yes                                |
| Keyway (K1)                  | 5 mm                               |
| Keyway (K2)                  | 3 mm                               |
| B2 Max Shaft Penetration     | 23.7 mm                            |
| Bore Tolerance               | +0.03 mm / -0.00 mm                |
| B1 Max Shaft Penetration     | 23.7 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)                     | 1.313 in (33.3 mm)                 |
| Length (L)                   | 1.962 in (49.8 mm)                 |
| Static Torque                | 13.6 Nm                            |
| Dynamic Torque Non-Reversing | 6.80 Nm                            |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)     |
| Product Group                | Bellows Coupling - Extended Length |
| Shaft Tolerance              | +0.000 mm / -0.013 mm              |
| Zero-Backlash?               | Yes                                |
| Balanced Design              | Yes                                |
| UNSPC                        | 31163018                           |
| Cap Screw                    | M3                                 |
| Hex Wrench Size              | 2.5 mm                             |
| Seating Torque               | 2.1 Nm                             |
| Dynamic Torque Reversing     | 3.40 Nm                            |
| Torsional Stiffness          | 33.9 Nm/Deg                        |
| Angular Misalignment         | 3.0 deg                            |
| Parallel Misalignment        | 0.30 mm                            |
| Axial Motion                 | 0.81 mm                            |
| Bellows Attachment Method    | Epoxy                              |
| Length Tolerance             | +/- 0.76 mm                        |
| Maximum Speed                | 10000 RPM                          |
| Recommended Hex Key          | Metric Hex Keys                    |



COMPONENT

Bellows Coupling - Extended 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.

**MBCLK33-14-10-A**  
**Ruland**  
14mm X 10mm Bellows Coupling Bores, 33.3mm Od., 49.8mm Length,  
Bellows Coupling, Clamp Style With Keyways, Aluminum

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