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|-------------------------------|------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.313 in (33.3 mm)                 | Static Torque:            | 13.6 Nm             |
| Brand:                        | Ruland                             | Number of Screws:         | 2 ea                |
| Seating Torque:               | 2.1 Nm                             | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Product Group:                | Bellows Coupling - Extended Length | Material:                 | Aluminum            |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm              | Bore (B1):                | 16 mm               |
| Zero-Backlash?:               | Yes                                | Bore (B2):                | 9 mm                |
| Balanced Design:              | Yes                                | Keyway:                   | Yes                 |
| UNSPC:                        | 31163018                           | Keyway (K1):              | 5 mm                |
| Cap Screw:                    | M3                                 | Keyway (K2):              | 3 mm                |
| Hex Wrench Size:              | 2.5 mm                             | B2 Max Shaft Penetration: | 23.7 mm             |
| Dynamic Torque Reversing:     | 3.40 Nm                            | B1 Max Shaft Penetration: | 23.7 mm             |
| Dynamic Torque Non-Reversing: | 6.80 Nm                            | Length (L):               | 1.962 in (49.8 mm)  |
| Torsional Stiffness:          | 33.9 Nm/Deg                        | Screw Material:           | Alloy Steel         |
| Angular Misalignment:         | 3.0 deg                            | Screw Finish:             | Black Oxide         |
| Parallel Misalignment:        | 0.30 mm                            | ISO 9001:2015:            | Certified           |
| Axial Motion:                 | 0.81 mm                            | REACH:                    | Compliant           |
| Bellows Attachment Method:    | Epoxy                              | RoHS3:                    | Compliant           |
| Length Tolerance:             | +/- 0.76 mm                        | Conflict Minerals:        | Compliant           |
| Maximum Speed:                | 10000 RPM                          | Tariff Code:              | 8483.60.8000        |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)     | Recommended Hex Key:      | Metric Hex Keys     |

|           |                                    |
|-----------|------------------------------------|
| COMPONENT | Bellows Coupling - Extended Length |
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|  | <p>Pacific International Bearing, Inc.<br/>33258 Central Ave, Union City, CA 94587<br/>1-800-228-8895, 510-512-7000,<br/>info@pibsales.com<br/>www.pibsales.com</p> | <p>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.</p> | <b>MBCLK33-16-9-A</b>                                                                                                       |  | UNIT   |
|                                                                                   |                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Ruland</b>                                                                                                               |  | Metric |
|                                                                                   |                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16mm X 9mm Bellows Coupling Bores,<br>33.3mm Od., 49.8mm Length, Bellows<br>Coupling, Clamp Style With Keyways,<br>Aluminum |  | SHEET  |