



|                               |                                    |                           |                     |
|-------------------------------|------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.313 in (33.3 mm)                 | Static Torque:            | 13.6 Nm             |
| Brand:                        | Ruland                             | Screw Material:           | Alloy Steel         |
| Dynamic Torque Reversing:     | 3.40 Nm                            | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm              | Material:                 | Aluminum            |
| Zero-Backlash?:               | Yes                                | Bore (B1):                | 16 mm               |
| Balanced Design:              | Yes                                | Bore (B2):                | 11 mm               |
| UNSPC:                        | 31163018                           | Keyway:                   | No                  |
| Cap Screw:                    | M3                                 | B1 Max Shaft Penetration: | 23.7 mm             |
| Dynamic Torque Non-Reversing: | 6.80 Nm                            | B2 Max Shaft Penetration: | 23.7 mm             |
| Hex Wrench Size:              | 2.5 mm                             | Seating Torque:           | 2.1 Nm              |
| Maximum Speed:                | 10000 RPM                          | Screw Finish:             | Black Oxide         |
| Torsional Stiffness:          | 33.9 Nm/Deg                        | Length (L):               | 1.962 in (49.8 mm)  |
| Angular Misalignment:         | 3.0 deg                            | ISO 9001:2015:            | Certified           |
| Parallel Misalignment:        | 0.30 mm                            | REACH:                    | Compliant           |
| Axial Motion:                 | 0.81 mm                            | RoHS3:                    | Compliant           |
| Bellows Attachment Method:    | Epoxy                              | Conflict Minerals:        | Compliant           |
| Length Tolerance:             | +/- 0.76 mm                        | Tariff Code:              | 8483.60.8000        |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)     | Number of Screws:         | 2 ea                |
| Product Group:                | Bellows Coupling - Extended Length | Recommended Hex Key:      | Metric Hex Keys     |

|           |                                    |
|-----------|------------------------------------|
| COMPONENT | Bellows Coupling - Extended Length |
|-----------|------------------------------------|



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**MBCL33-16-11-A**  
**Ruland**  
16mm X 11mm Bellows Coupling Bores,  
33.3mm Od., 49.8mm Length, Bellows  
Coupling, Clamp Style, Aluminum

UNIT

Metric

SHEET