



|                               |                                    |                           |                     |
|-------------------------------|------------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 1.000 in (25.4 mm)                 | Static Torque:            | 6.8 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):                | 12 mm               |
| Zero-Backlash?:               | Yes                                | Bore (B2):                | 10 mm               |
| Balanced Design:              | Yes                                | Keyway:                   | Yes                 |
| UNSPC:                        | 31163018                           | Keyway (K1):              | 4 mm                |
| Cap Screw:                    | M3                                 | Keyway (K2):              | 3 mm                |
| Hex Wrench Size:              | 2.5 mm                             | B2 Max Shaft Penetration: | 18.2 mm             |
| Dynamic Torque Reversing:     | 1.70 Nm                            | B1 Max Shaft Penetration: | 18.2 mm             |
| Dynamic Torque Non-Reversing: | 3.40 Nm                            | Length (L):               | 1.523 in (38.7 mm)  |
| Torsional Stiffness:          | 20.9 Nm/Deg                        | Screw Material:           | Alloy Steel         |
| Angular Misalignment:         | 3.0 deg                            | Screw Finish:             | Black Oxide         |
| Parallel Misalignment:        | 0.20 mm                            | ISO 9001:2015:            | Certified           |
| Axial Motion:                 | 0.61 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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**MBCLK25-12-10-A**  
**Ruland**  
12mm X 10mm Bellows Coupling Bores,  
25.4mm Od., 38.7mm Length, Bellows  
Coupling, Clamp Style With Keyways,  
Aluminum

UNIT

Metric

SHEET