



|                               |                                                  |                           |                                                |
|-------------------------------|--------------------------------------------------|---------------------------|------------------------------------------------|
| O.D. (D):                     | 2.000 in (50.8 mm)                               | Seating Torque:           | 9.5 Nm                                         |
| Brand:                        | Ruland                                           | Length (L):               | 2.413 in (61.3 mm)                             |
| Static Torque:                | 400 lb-in (45.2 Nm)                              | Screw Material:           | Alloy Steel                                    |
| Shaft Tolerance:              | +0.0000 in / -0.0005 in<br>+0.000 mm / -0.013 mm | Bore (B1):                | 1.0000 in                                      |
| Zero-Backlash?:               | Yes                                              | Bore (B2):                | 16 mm                                          |
| Balanced Design:              | Yes                                              | Keyway:                   | Yes                                            |
| UNSPC:                        | 31163018                                         | Keyway (K1):              | 1/4 in                                         |
| Cap Screw:                    | M5                                               | Keyway (K2):              | 5 mm                                           |
| Hex Wrench Size:              | 4.0 mm                                           | B2 Max Shaft Penetration: | 1.099 in (27.9 mm)                             |
| Dynamic Torque Non-Reversing: | 200 lb-in (22.60 Nm)                             | B1 Max Shaft Penetration: | 1.099 in (27.9 mm)                             |
| Torsional Stiffness:          | 950 lb-in/Deg (108 Nm/Deg)                       | Bore Tolerance:           | +0.001 in / -0.000 in<br>(+0.03 mm / -0.00 mm) |
| Dynamic Torque Reversing:     | 100 lb-in (11.30 Nm)                             | Number of Screws:         | 2 ea                                           |
| Angular Misalignment:         | 2.0 deg                                          | Screw Finish:             | Black Oxide                                    |
| Parallel Misalignment:        | 0.010 in (0.25 mm)                               | ISO 9001:2015:            | Certified                                      |
| Axial Motion:                 | 0.020 in (0.51 mm)                               | REACH:                    | Compliant                                      |
| Bellows Attachment Method:    | Epoxy                                            | RoHS3:                    | Compliant                                      |
| Length Tolerance:             | +/- 0.030 in (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)                   | Material:                 | Aluminum                                       |
| Product Group:                | Bellows Coupling Standard Length                 | Recommended Hex Key:      | Metric Hex Keys                                |

|           |                                  |
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| COMPONENT | Bellows Coupling Standard Length |
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**BCK32-1"-16MM-A**  
**Ruland**  
1" X 16mm Bores, 2.000" (50.8mm), Od,  
2.413" (61.3mm) Length, Bellows Coupling  
With Keyways, High Stiffness, Aluminum

|             |
|-------------|
| UNIT        |
| Inch/Metric |
| SHEET       |