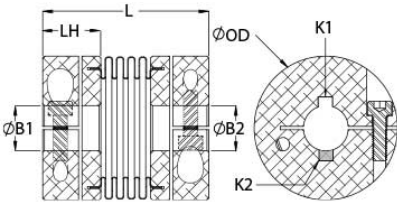






|                              |                                               |
|------------------------------|-----------------------------------------------|
| Brand                        | Ruland                                        |
| Bore Tolerance               | +0.001 in / -0.000 in (+0.03 mm / -0.00 mm)   |
| Material                     | Aluminum                                      |
| Bore (B1)                    | 1.0000 in                                     |
| Bore (B2)                    | 25 mm                                         |
| Keyway                       | Yes                                           |
| Keyway (K1)                  | 1/4 in                                        |
| Keyway (K2)                  | 8 mm                                          |
| B1 Max Shaft Penetration     | 1.750 in (44.5 mm)                            |
| Seating Torque               | 39 Nm                                         |
| B2 Max Shaft Penetration     | 1.750 in (44.5 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                                  |
| Number of Screws             | 2                                             |
| O.D. (D)                     | 3.125 in (79.4 mm)                            |
| Length (L)                   | 3.808 in (96.7 mm)                            |
| Dynamic Torque Non-Reversing | 675 lb-in (76 Nm)                             |
| Maximum Speed                | 10000 RPM                                     |
| Product Group                | Bellows Coupling Standard Length              |
| Shaft Tolerance              | +0.0000 in / -0.0005 in +0.000 mm / -0.013 mm |
| Zero-Backlash?               | Yes                                           |
| Balanced Design              | Yes                                           |
| UNSPC                        | 31163018                                      |
| Cap Screw                    | M8                                            |
| Static Torque                | 1350 lb-in (152 Nm)                           |
| Dynamic Torque Reversing     | 337.5 lb-in (38 Nm)                           |
| Torsional Stiffness          | 3500 lb-in/Deg(395.5 Nm/Deg)                  |
| Hex Wrench Size              | 6.0 mm                                        |
| Angular Misalignment         | 2.0 deg                                       |
| Parallel Misalignment        | 0.012 in (0.30 mm)                            |
| Axial Motion                 | 0.030 in (0.76 mm)                            |
| Bellows Attachment Method    | Epoxy                                         |
| Length Tolerance             | +/- 0.030 in (0.76 mm)                        |
| Recommended Hex Key          | Metric Hex Keys                               |
| B1 Min Shaft Penetration     | 0.875 in (22.2 mm)                            |
| Temperature                  | -40°F to 200°F (-40°C to 93°C)                |
| B2 Min Shaft Penetration     | 0.875 in (22.2 mm)                            |



|           |                                  |
|-----------|----------------------------------|
| COMPONENT | Bellows Coupling Standard Length |
|-----------|----------------------------------|



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**BCK50-1"-25MM-A**  
**Ruland**  
1" X 25mm Bores, 3.125" (79.4 Mm), Od, 3.816" (96.9 Mm) Length, Bellows  
Coupling With Keyways, High Stiffness, Aluminum

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