



|                               |                                  |                           |                     |
|-------------------------------|----------------------------------|---------------------------|---------------------|
| O.D. (D):                     | 2.750 in (69.9 mm)               | Maximum Speed:            | 10000 RPM           |
| Brand:                        | Ruland                           | Length (L):               | 3.431 in (87.1 mm)  |
| Dynamic Torque Reversing:     | 26.13 Nm                         | ISO 9001:2015:            | Certified           |
| Balanced Design:              | Yes                              | Bore (B1):                | 30 mm               |
| UNSPC:                        | 31163018                         | Bore (B2):                | 28 mm               |
| Cap Screw:                    | M8                               | Keyway:                   | No                  |
| Static Torque:                | 104.5 Nm                         | B1 Max Shaft Penetration: | 40.2 mm             |
| Dynamic Torque Non-Reversing: | 52.25 Nm                         | B2 Max Shaft Penetration: | 40.2 mm             |
| Temperature:                  | -40°F to 200°F (-40°C to 93°C)   | Screw Material:           | Alloy Steel         |
| Torsional Stiffness:          | 237 Nm/Deg                       | Bore Tolerance:           | +0.03 mm / -0.00 mm |
| Parallel Misalignment:        | 0.30 mm                          | Screw Finish:             | Black Oxide         |
| Angular Misalignment:         | 2.0 deg                          | Hex Wrench Size:          | 6.0 mm              |
| Axial Motion:                 | 0.76 mm                          | REACH:                    | Compliant           |
| Bellows Attachment Method:    | Epoxy                            | RoHS3:                    | Compliant           |
| Length Tolerance:             | +/- 0.76 mm                      | Conflict Minerals:        | Compliant           |
| Recommended Hex Key:          | Metric Hex Keys                  | Tariff Code:              | 8483.60.8000        |
| B1 Min Shaft Penetration:     | 19.1 mm                          | Number of Screws:         | 2 ea                |
| Product Group:                | Bellows Coupling Standard Length | Seating Torque:           | 39 Nm               |
| Shaft Tolerance:              | +0.000 mm / -0.013 mm            | Material:                 | Aluminum            |
| Zero-Backlash?:               | Yes                              | B2 Min Shaft Penetration: | 19.1 mm             |

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



Pacific International Bearing, Inc.  
33258 Central Ave, Union City, CA 94587  
1-800-228-8895, 510-512-7000,  
info@pibsales.com  
www.pibsales.com

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.

**MBC70-30-28-A**  
**Ruland**  
30mm X 28mm Bores, 69.9mm, Od,  
87.1mm Length, Bellows Coupling, High  
Stiffness, Aluminum

UNIT

Metric

SHEET