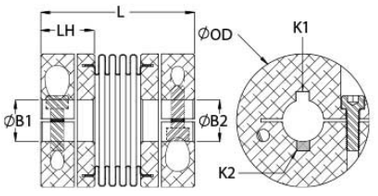
Brand	Ruland
Bore Tolerance	+0.03 mm / -0.00 mm
Material	Aluminum
Bore (B1)	28 mm
Bore (B2)	22 mm
Keyway	Yes
Keyway (K1)	8 mm
Keyway (K2)	6 mm
B1 Max Shaft Penetration	40.2 mm
Seating Torque	39 Nm
B2 Max Shaft Penetration	40.2 mm
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	2.750 in (69.9 mm)
Length (L)	3.439 in (87.4 mm)
Dynamic Torque Non-Reversing	52.25 Nm
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	104.5 Nm
Dynamic Torque Reversing	26.13 Nm
Torsional Stiffness	237 Nm/Deg
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.30 mm
Axial Motion	0.76 mm
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.76 mm
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	19.1 mm
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	19.1 mm



COMPONENT	Bellows Coupling Standard Length

PIB	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.	MBCK70-28-22-A **Ruland** 28mm X 22mm Bores, 69.9mm, Od, 87.4mm Length, Bellows Coupling With Keyways, High Stiffness, Aluminum	UNIT Metric SHEET