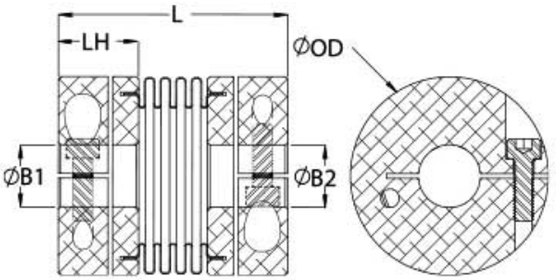
O.D. (D):	3.125 in (79.4 mm)	Dynamic Torque Reversing:	337.5 lb-in (38 Nm)
Brand:	Ruland	Hex Wrench Size:	6.0 mm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Zero-Backlash?:	Yes	Material:	Aluminum
Balanced Design:	Yes	Bore (B1):	42 mm
UNSPC:	31163018	Bore (B2):	1.2500 in
Cap Screw:	M8	Keyway:	No
Static Torque:	1350 lb-in (152 Nm)	B1 Max Shaft Penetration:	1.750 in (44.5 mm)
Dynamic Torque Non-Reversing:	675 lb-in (76 Nm)	B2 Max Shaft Penetration:	1.750 in (44.5 mm)
Temperature:	-40°F to 200°F (-40°C to 93°C)	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Torsional Stiffness:	3500 lb-in/Deg(395.5 Nm/Deg)	Length (L):	3.816 in (96.9 mm)
Parallel Misalignment:	0.012 in (0.30 mm)	ISO 9001:2015:	Certified
Axial Motion:	0.030 in (0.76 mm)	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Conflict Minerals:	Compliant
Recommended Hex Key:	Metric Hex Keys	Tariff Code:	8483.60.8000
B1 Min Shaft Penetration:	0.875 in (22.2 mm)	Number of Screws:	2
Product Group:	Bellows Coupling Standard Length	Seating Torque:	39 Nm
Shaft Tolerance:	+0.0000 in / -0.0005 in	B2 Min Shaft Penetration:	0.875 in (22.2 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.	BC50-42MM-11/4"-A **Ruland** 42mm X 1 1/4" Bores, 3.125" (79.4 Mm), Od, 3.816" (96.9 Mm) Length, Bellows Coupling, High Stiffness, Aluminum	UNIT Inch/Metric SHEET