


Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Torsional Stiffness:	2100 lb-in/Deg (237 Nm/Deg)	B2 Max Shaft Penetration:	1.582 in (40.2 mm)
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	1.5000 in
Balanced Design:	Yes	Bore (B2):	35 mm
UNSPC:	31163018	Keyway:	Yes
Cap Screw:	M8	Keyway (K1):	3/8 in
Static Torque:	925 lb-in (104.5 Nm)	Keyway (K2):	10 mm
Dynamic Torque Reversing:	231.3 lb-in (26.13 Nm)	B1 Max Shaft Penetration:	1.582 in (40.2 mm)
Hex Wrench Size:	6.0 mm	Seating Torque:	39 Nm
Maximum Speed:	10000 RPM	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Length (L):	3.439 in (87.4 mm)
Parallel Misalignment:	0.012 in (0.30 mm)	Screw Finish:	Black Oxide
Axial Motion:	0.030 in (0.76 mm)	ISO 9001:2015:	Certified
Bellows Attachment Method:	Epoxy	REACH:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	0.750 in (19.1 mm)	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Number of Screws:	2 ea
Product Group:	Bellows Coupling Standard Length	O.D. (D):	2.750 in (69.9 mm)
Dynamic Torque Non-Reversing:	462.5 lb-in (52.25 Nm)	B2 Min Shaft Penetration:	0.750 in (19.1 mm)

COMPONENT	Bellows Coupling Standard Length
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	<p>Pacific International Bearing, Inc. 33258 Central Ave, Union City, CA 94587 1-800-228-8895, 510-512-7000, info@pibsales.com www.pibsales.com</p>	<p>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.</p>	<p><b>BCK44-11/2"-35MM-A</b> <b>Ruland</b> 11/2" X 35mm Bores, 2.750" (69.9 Mm), Od, 3.439" (87.4 Mm) Length, Bellows Coupling With Keyways, High Stiffness, Aluminum</p>	UNIT
				Inch/Metric
				SHEET