



O.D. (D):	2.750 in (69.9 mm)	Dynamic Torque Non-Reversing:	462.5 lb-in (52.25 Nm)
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):	38 mm
Balanced Design:	Yes	Bore (B2):	1.0000 in
UNSPC:	31163018	Keyway:	Yes
Cap Screw:	M8	Keyway (K1):	10 mm
Static Torque:	925 lb-in (104.5 Nm)	Keyway (K2):	1/4 in
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	B2 Min Shaft Penetration:	0.750 in (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.

BCK44-38MM-1"-A
Ruland
38mm X 1" Bores, 2.750" (69.9 Mm), Od,
3.439" (87.4 Mm) Length, Bellows
Coupling With Keyways, High Stiffness,
Aluminum

UNIT
Inch/Metric
SHEET