



O.D. (D):	3.125 in (79.4 mm)	Dynamic Torque Non-Reversing:	675 lb-in (76 Nm)
Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Torsional Stiffness:	3500 lb-in/Deg(395.5 Nm/Deg)	B2 Max Shaft Penetration:	1.750 in (44.5 mm)
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	45 mm
Balanced Design:	Yes	Bore (B2):	1.5000 in
UNSPC:	31163018	Keyway:	Yes
Cap Screw:	M8	Keyway (K1):	14 mm
Static Torque:	1350 lb-in (152 Nm)	Keyway (K2):	3/8 in
Dynamic Torque Reversing:	337.5 lb-in (38 Nm)	B1 Max Shaft Penetration:	1.750 in (44.5 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):	3.808 in (96.7 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:	0.875 in (22.2 mm)	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Number of Screws:	2
Product Group:	Bellows Coupling Standard Length	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.

BCK50-45MM-1 1/2"-A
Ruland
45mm X 1 1/2" Bores, 3.125" (79.4 Mm), Od,
3.816" (96.9 Mm) Length, Bellows Coupling
With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET