



O.D. (D):	3.125 in (79.4 mm)	Torsional Stiffness:	395.5 Nm/Deg
Brand:	Ruland	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	B2 Max Shaft Penetration:	44.5 mm
Zero-Backlash?:	Yes	Bore (B1):	45 mm
Balanced Design:	Yes	Bore (B2):	45 mm
UNSPC:	31163018	Keyway:	Yes
Cap Screw:	M8	Keyway (K1):	14 mm
Static Torque:	152 Nm	Keyway (K2):	14 mm
Dynamic Torque Reversing:	38 Nm	B1 Max Shaft Penetration:	44.5 mm
Hex Wrench Size:	6.0 mm	Seating Torque:	39 Nm
Dynamic Torque Non-Reversing:	76 Nm	Length (L):	3.808 in (96.7 mm)
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Parallel Misalignment:	0.30 mm	Bore Tolerance:	+0.03 mm / -0.00 mm
Axial Motion:	0.76 mm	ISO 9001:2015:	Certified
Bellows Attachment Method:	Epoxy	REACH:	Compliant
Length Tolerance:	+/- 0.76 mm	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	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	Material:	Aluminum
Shaft Tolerance:	+0.000 mm / -0.013 mm	B2 Min Shaft Penetration:	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.

MBCK80-45-45-A
Ruland
45mm X 45mm Bores, 79.4mm, Od,
96.9mm Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT

Metric

SHEET