



O.D. (D):	3.125 in (79.4 mm)	Maximum Speed:	10000 RPM
Brand:	Ruland	Length (L):	3.816 in (96.9 mm)
Dynamic Torque Reversing:	38 Nm	ISO 9001:2015:	Certified
Balanced Design:	Yes	Bore (B1):	42 mm
UNSPC:	31163018	Bore (B2):	30 mm
Cap Screw:	M8	Keyway:	No
Static Torque:	152 Nm	B1 Max Shaft Penetration:	44.5 mm
Dynamic Torque Non-Reversing:	76 Nm	B2 Max Shaft Penetration:	44.5 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Screw Material:	Alloy Steel
Torsional Stiffness:	395.5 Nm/Deg	Bore Tolerance:	+0.03 mm / -0.00 mm
Parallel Misalignment:	0.30 mm	Screw Finish:	Black Oxide
Angular Misalignment:	2.0 deg	Hex Wrench Size:	6.0 mm
Axial Motion:	0.76 mm	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.76 mm	Conflict Minerals:	Compliant
Recommended Hex Key:	Metric Hex Keys	Tariff Code:	8483.60.8000
B1 Min Shaft Penetration:	22.2 mm	Number of Screws:	2
Product Group:	Bellows Coupling Standard Length	Seating Torque:	39 Nm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	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.

MBC80-42-30-A
Ruland
42mm X 30mm Bores, 79.4mm, Od,
96.9mm Length, Bellows Coupling, High
Stiffness, Aluminum

UNIT

Metric

SHEET