



O.D. (D):	2.750 in (69.9 mm)	Maximum Speed:	10000 RPM
Brand:	Ruland	Length (L):	3.431 in (87.1 mm)
Dynamic Torque Reversing:	231.3 lb-in (26.13 Nm)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	30 mm
Balanced Design:	Yes	Bore (B2):	1.1250 in
UNSPC:	31163018	Keyway:	No
Cap Screw:	M8	B1 Max Shaft Penetration:	1.582 in (40.2 mm)
Static Torque:	925 lb-in (104.5 Nm)	B2 Max Shaft Penetration:	1.582 in (40.2 mm)
Dynamic Torque Non-Reversing:	462.5 lb-in (52.25 Nm)	Screw Material:	Alloy Steel
Torsional Stiffness:	2100 lb-in/Deg (237 Nm/Deg)	Hex Wrench Size:	6.0 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Screw Finish:	Black Oxide
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.012 in (0.30 mm)	REACH:	Compliant
Axial Motion:	0.030 in (0.76 mm)	RoHS3:	Compliant
Bellows Attachment Method:	Epoxy	Conflict Minerals:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Tariff Code:	8483.60.8000
Recommended Hex Key:	Metric Hex Keys	Number of Screws:	2 ea
B1 Min Shaft Penetration:	0.750 in (19.1 mm)	Seating Torque:	39 Nm
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.

BC44-30MM-1 1/8"-A
Ruland

UNIT
Inch/Metric
SHEET