



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:	26.13 Nm	ISO 9001:2015:	Certified
Balanced Design:	Yes	Bore (B1):	38 mm
UNSPC:	31163018	Bore (B2):	38 mm
Cap Screw:	M8	Keyway:	No
Static Torque:	104.5 Nm	B1 Max Shaft Penetration:	40.2 mm
Dynamic Torque Non-Reversing:	52.25 Nm	B2 Max Shaft Penetration:	40.2 mm
Temperature:	-40°F to 200°F (-40°C to 93°C)	Screw Material:	Alloy Steel
Torsional Stiffness:	237 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:	19.1 mm	Number of Screws:	2 ea
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:	19.1 mm

COMPONENT	Bellows Coupling Standard Length
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Pacific International Bearing, Inc.
33258 Central Ave, Union City, CA 94587
1-800-228-8895, 510-512-7000,
info@pibsales.com
www.pibsales.com

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MBC70-38-38-A
Ruland
38mm X 38mm Bores, 69.9mm, Od,
87.1mm Length, Bellows Coupling, High
Stiffness, Aluminum

UNIT

Metric

SHEET