



O.D. (D):	1.625 in (41.3 mm)	Seating Torque:	4.6 Nm
Brand:	Ruland	Bore Tolerance:	+0.03 mm / -0.00 mm
Hex Wrench Size:	3.0 mm	Number of Screws:	2 ea
Temperature:	-40°F to 200°F (-40°C to 93°C)	Material:	Aluminum
Product Group:	Bellows Coupling Standard Length	Bore (B1):	18 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Bore (B2):	12 mm
Zero-Backlash?:	Yes	Keyway:	No
Balanced Design:	Yes	B1 Max Shaft Penetration:	24.0 mm
UNSPC:	31163018	Length (L):	2.316 in (58.8 mm)
Maximum Speed:	10000 RPM	B2 Max Shaft Penetration:	24.0 mm
Cap Screw:	M4	Screw Material:	Alloy Steel
Dynamic Torque Non- Reversing:	14.00 Nm	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	7.00 Nm	ISO 9001:2015:	Certified
Torsional Stiffness:	39.4 Nm/Deg	REACH:	Compliant
Angular Misalignment:	3.0 deg	RoHS3:	Compliant
Parallel Misalignment:	0.38 mm	Conflict Minerals:	Compliant
Axial Motion:	0.76 mm	Tariff Code:	8483.60.8000
Bellows Attachment Method:	Epoxy	Length Tolerance:	+/- 0.76 mm
Static Torque:	28.0 Nm		

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.

MBCL41-18-12-A
Ruland
18mm X 12mm Bores, 41.3mm, Od, 58.8 Mm
Length, Bellows Coupling, Increased
Misalignment, Aluminum

UNIT

Metric

SHEET