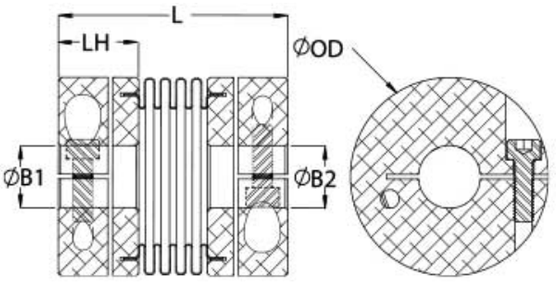

O.D. (D):	2.000 in (50.8 mm)	Static Torque:	45.2 Nm
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	11.30 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	24 mm
Balanced Design:	Yes	Bore (B2):	14 mm
UNSPC:	31163018	Keyway:	No
Cap Screw:	M5	B1 Max Shaft Penetration:	27.9 mm
Dynamic Torque Non-Reversing:	22.60 Nm	B2 Max Shaft Penetration:	27.9 mm
Hex Wrench Size:	4.0 mm	Seating Torque:	9.5 Nm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Torsional Stiffness:	108 Nm/Deg	Length (L):	2.413 in (61.3 mm)
Angular Misalignment:	2.0 deg	ISO 9001:2015:	Certified
Parallel Misalignment:	0.25 mm	REACH:	Compliant
Axial Motion:	0.50 mm	RoHS3:	Compliant
Bellows Attachment Method:	Epoxy	Conflict Minerals:	Compliant
Length Tolerance:	+/- 0.76 mm	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Number of Screws:	2 ea
Product Group:	Bellows Coupling Standard Length	Recommended Hex Key:	Metric Hex Keys

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.

MBC51-24-14-A

Ruland

24mm X 14mm Bores, 50.8mm Od, 61.3mm Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Metric

SHEET