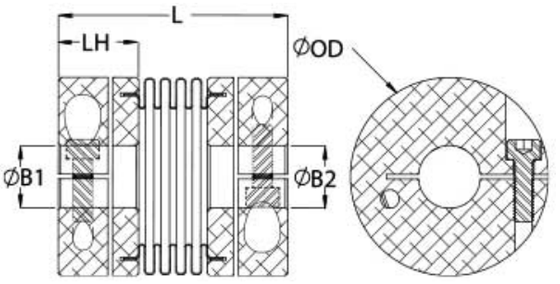

O.D. (D):	2.000 in (50.8 mm)	Static Torque:	45.2 Nm
Brand:	Ruland	Screw Material:	Alloy Steel
Dynamic Torque Reversing:	11.30 Nm	Bore Tolerance:	+0.03 mm / -0.00 mm
Shaft Tolerance:	+0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	17 mm
Balanced Design:	Yes	Bore (B2):	17 mm
UNSPC:	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

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MBC51-17-17-A

Ruland

17mm X 17mm Bores, 50.8mm Od, 61.3mm Length, Bellows Coupling, High Stiffness, Aluminum

UNIT

Metric

SHEET