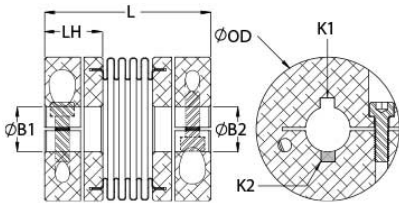




Brand	Ruland
Bore Tolerance	+0.03 mm / -0.00 mm
Material	Aluminum
Bore (B1)	42 mm
Bore (B2)	25 mm
Keyway	Yes
Keyway (K1)	12 mm
Keyway (K2)	8 mm
B1 Max Shaft Penetration	44.5 mm
Seating Torque	39 Nm
B2 Max Shaft Penetration	44.5 mm
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2
O.D. (D)	3.125 in (79.4 mm)
Length (L)	3.808 in (96.7 mm)
Dynamic Torque Non-Reversing	76 Nm
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	152 Nm
Dynamic Torque Reversing	38 Nm
Torsional Stiffness	395.5 Nm/Deg
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.30 mm
Axial Motion	0.76 mm
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.76 mm
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	22.2 mm
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	22.2 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
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MBCK80-42-25-A
Ruland
42mm X 25mm Bores, 79.4mm, Od, 96.9mm Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT
Metric
SHEET