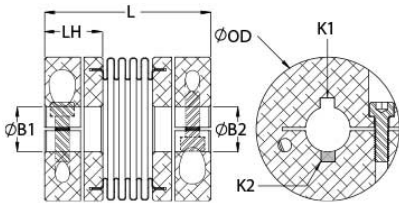




Brand	Ruland
Bore Tolerance	+0.001 in / -0.000 in
Material	Aluminum
Bore (B1)	1.0000 in
Bore (B2)	1.0000 in
Keyway	Yes
Keyway (K1)	1/4 in
Keyway (K2)	1/4 in
B1 Max Shaft Penetration	1.750 in
Seating Torque	39 Nm
B2 Max Shaft Penetration	1.750 in
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 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	675 lb-in
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	1350 lb-in
Dynamic Torque Reversing	337.5 lb-in
Torsional Stiffness	3500 lb-in/deg
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.012 in
Axial Motion	0.030 in
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	0.875 in
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	0.875 in



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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BCK50-16-16-A
Ruland
1" X 1" Bores, 3.125", Od, 3.816" Length, Bellows Coupling With Keyways,
High Stiffness, Aluminum

UNIT

Inch

SHEET