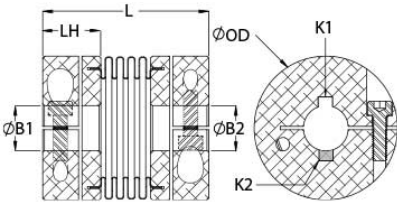




Brand	Ruland
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Material	Aluminum
Bore (B1)	42 mm
Bore (B2)	1.1250 in
Keyway	Yes
Keyway (K1)	12 mm
Keyway (K2)	1/4 in
B1 Max Shaft Penetration	1.750 in (44.5 mm)
Seating Torque	39 Nm
B2 Max Shaft Penetration	1.750 in (44.5 mm)
Screw Material	Alloy 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	675 lb-in (76 Nm)
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	1350 lb-in (152 Nm)
Dynamic Torque Reversing	337.5 lb-in (38 Nm)
Torsional Stiffness	3500 lb-in/Deg(395.5 Nm/Deg)
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.012 in (0.30 mm)
Axial Motion	0.030 in (0.76 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	0.875 in (22.2 mm)
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	0.875 in (22.2 mm)



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.

BCK50-42MM-1 1/8"-A
Ruland
42mm X 1 1/8" Bores, 3.125" (79.4 Mm), Od, 3.816" (96.9 Mm) Length, Bellows
Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET