



Brand	Ruland
Length (L)	1.700 in (43.2 mm)
Bore (B1)	0.5000 in
Bore (B2)	11 mm
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	4 mm
B2 Max Shaft Penetration	0.804 in (20.4 mm)
B1 Max Shaft Penetration	0.804 in (20.4 mm)
Screw Material	Alloy Steel
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
O.D. (D)	1.313 in (33.3 mm)
Material	Aluminum
Number of Screws	2 ea
Seating Torque	2.1 Nm
Dynamic Torque Reversing	30 lb-in (3.40 Nm)
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	M3
Hex Wrench Size	2.5 mm
Dynamic Torque Non-Reversing	60 lb-in (6.80 Nm)
Static Torque	120 lb-in (13.6 Nm)
Torsional Stiffness	400 lb-in/Deg (45 Nm/Deg)
Angular Misalignment	1.5 deg
Parallel Misalignment	0.006 in (0.15 mm)
Axial Motion	0.016 in (0.40 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Maximum Speed	10000 RPM
Temperature	-40°F to 200°F (-40°C to 93°C)
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.

BCK21-1/2"-11MM-A
Ruland
1/2" X 11mm Bores, 1.313" (33.3mm), Od, 1.700" (43.2mm) Length, Bellows
Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET