



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	1.0000 in
Bore (B2)	0.5000 in
Keyway	Yes
Keyway (K1)	1/4 in
Keyway (K2)	1/8 in
B2 Max Shaft Penetration	1.496 in
Bore Tolerance	+0.004 in / +0.001 in
B1 Max Shaft Penetration	1.496 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
O.D. (D)	2.250 in (57.2 mm)
Length (L)	3.235 in (82.2 mm)
Static Torque	530 lb-in
Dynamic Torque Non-Reversing	265 lb-in
Temperature	-40°F to 200°F (-40°C to 93°C)
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.0000 in / -0.0005 in
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M6
Hex Wrench Size	5.0 mm
Seating Torque	16 Nm
Dynamic Torque Reversing	132 lb-in
Torsional Stiffness	1200 lb-in/Deg
Angular Misalignment	2.0 deg
Parallel Misalignment	0.012 in
Axial Motion	0.030 in
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in
Maximum Speed	10000 RPM
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.

BCK36-16-8-A
Ruland
1" X 1/2" Bores, 2.250" Od, 3.235" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT

Inch

SHEET