



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	18 mm
Bore (B2)	0.5000 in
Keyway	Yes
Keyway (K1)	6 mm
Keyway (K2)	1/8 in
B2 Max Shaft Penetration	1.496 in (38.0 mm)
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
B1 Max Shaft Penetration	1.496 in (38.0 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
O.D. (D)	2.250 in (57.2 mm)
Length (L)	3.235 in (82.2 mm)
Static Torque	530 lb-in (60.00 Nm)
Dynamic Torque Non-Reversing	265 lb-in (30.00 Nm)
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 +0.000 mm / -0.013 mm
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 (15.00 Nm)
Torsional Stiffness	1200 lb-in/Deg (135 Nm/Deg)
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)
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.

BCK36-18MM-1/2"-A
Ruland
18mm X 1/2" Bores, 2.250" Od, 3.235" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET