



Brand	Ruland
Screw Finish	Black Oxide
Bore (B1)	1.0000 in
Bore (B2)	16 mm
Keyway	No
B1 Max Shaft Penetration	1.099 in (27.9 mm)
B2 Max Shaft Penetration	1.099 in (27.9 mm)
Seating Torque	9.5 Nm
Length (L)	2.413 in (61.3 mm)
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	2.000 in (50.8 mm)
Material	Aluminum
Screw Material	Alloy Steel
Dynamic Torque Reversing	100 lb-in (11.30 Nm)
Maximum Speed	10000 RPM
Shaft Tolerance	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M5
Dynamic Torque Non-Reversing	200 lb-in (22.60 Nm)
Hex Wrench Size	4.0 mm
Torsional Stiffness	950 lb-in/Deg (108 Nm/Deg)
Static Torque	400 lb-in (45.2 Nm)
Angular Misalignment	2.0 deg
Parallel Misalignment	0.010 in (0.25 mm)
Axial Motion	0.020 in (0.51 mm)
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.030 in (0.76 mm)
Temperature	-40°F to 200°F (-40°C to 93°C)
Product Group	Bellows Coupling Standard Length
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

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BC32-1"-16MM-A
Ruland
1" X 16mm Bores, 2.000" (50.8mm), Od, 2.413" (61.3mm) Length,
Bellows Coupling, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET