



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	1.0000 in
Bore (B2)	18 mm
Keyway	Yes
Keyway (K1)	1/4 in
Keyway (K2)	6 mm
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.
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BCK36-1"-18MM-A
Ruland
1" X 18mm Bores, 2.250" Od, 3.235" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET