



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	1.099 in (27.9 mm)
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
B1 Max Shaft Penetration	1.099 in (27.9 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)	2.000 in (50.8 mm)
Length (L)	2.413 in (61.3 mm)
Static Torque	400 lb-in (45.2 Nm)
Dynamic Torque Non-Reversing	200 lb-in (22.60 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	M5
Hex Wrench Size	4.0 mm
Seating Torque	9.5 Nm
Dynamic Torque Reversing	100 lb-in (11.30 Nm)
Torsional Stiffness	950 lb-in/Deg (108 Nm/Deg)
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)
Maximum Speed	10000 RPM
Recommended Hex Key	Metric Hex Keys



COMPONENT

Bellows Coupling Standard Length



Pacific International Bearing, Inc.
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BCK32-1"-18MM-A
Ruland
1" X 18mm Bores, 2.000" (50.8mm), Od, 2.413" (61.3mm) Length, Bellows
Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET