



Brand	Ruland
Number of Screws	2 ea
Material	Aluminum
Bore (B1)	0.5000 in
Bore (B2)	0.3125 in
Keyway	Yes
Keyway (K1)	1/8 in
Keyway (K2)	NK
B2 Max Shaft Penetration	0.626 in
Bore Tolerance	+0.001 in / -0.000 in
B1 Max Shaft Penetration	0.626 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)	1.000 in (25.4 mm)
Length (L)	1.345 in (34.2 mm)
Static Torque	60 lb-in
Dynamic Torque Non-Reversing	30 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	M3
Hex Wrench Size	2.5 mm
Seating Torque	2.1 Nm
Dynamic Torque Reversing	15 lb-in
Torsional Stiffness	244 lb-in/Deg
Angular Misalignment	1.5 deg
Parallel Misalignment	0.004 in
Axial Motion	0.012 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,
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BCK16-8-5-A
Ruland
1/2" X 5/16" Bores, 1.000" Od, 1.345" Length, Bellows Coupling With
Keyways, High Stiffness, Aluminum

UNIT

Inch

SHEET