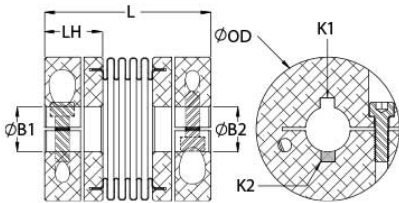




Brand	Ruland
Bore Tolerance	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Material	Aluminum
Bore (B1)	1.0000 in
Bore (B2)	25 mm
Keyway	Yes
Keyway (K1)	1/4 in
Keyway (K2)	8 mm
B1 Max Shaft Penetration	1.582 in (40.2 mm)
Seating Torque	39 Nm
B2 Max Shaft Penetration	1.582 in (40.2 mm)
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
REACH	Compliant
RoHS3	Compliant
Conflict Minerals	Compliant
Tariff Code	8483.60.8000
Number of Screws	2 ea
O.D. (D)	2.750 in (69.9 mm)
Length (L)	3.439 in (87.4 mm)
Dynamic Torque Non-Reversing	462.5 lb-in (52.25 Nm)
Maximum Speed	10000 RPM
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	M8
Static Torque	925 lb-in (104.5 Nm)
Dynamic Torque Reversing	231.3 lb-in (26.13 Nm)
Torsional Stiffness	2100 lb-in/Deg (237 Nm/Deg)
Hex Wrench Size	6.0 mm
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)
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	0.750 in (19.1 mm)
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	0.750 in (19.1 mm)



COMPONENT	Bellows Coupling Standard Length
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Pacific International Bearing, Inc.
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info@pibsales.com
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BCK44-1"-25MM-A
Ruland
1" X 25mm Bores, 2.750" (69.9 Mm), Od, 3.439" (87.4 Mm) Length, Bellows
Coupling With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET