



O.D. (D):	1.000 in (25.4 mm)	Static Torque:	60 lb-in
Brand:	Ruland	Number of Screws:	2 ea
Seating Torque:	2.1 Nm	Bore Tolerance:	+0.001 in / -0.000 in
Product Group:	Bellows Coupling - Extended Length	Material:	Aluminum
Shaft Tolerance:	+0.0000 in / -0.0005 in	Bore (B1):	0.5000 in
Zero-Backlash?:	Yes	Bore (B2):	0.2500 in
Balanced Design:	Yes	Keyway:	Yes
UNSPC:	31163018	Keyway (K1):	1/8 in
Cap Screw:	M3	Keyway (K2):	NK
Hex Wrench Size:	2.5 mm	B2 Max Shaft Penetration:	0.715 in
Dynamic Torque Reversing:	15 lb-in	B1 Max Shaft Penetration:	0.715 in
Dynamic Torque Non-Reversing:	30 lb-in	Length (L):	1.523 in (38.7 mm)
Torsional Stiffness:	185 lb-in/Deg	Screw Material:	Alloy Steel
Angular Misalignment:	3.0 deg	Screw Finish:	Black Oxide
Parallel Misalignment:	0.008 in	ISO 9001:2015:	Certified
Axial Motion:	0.024 in	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in	Conflict Minerals:	Compliant
Maximum Speed:	10000 RPM	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Recommended Hex Key:	Metric Hex Keys

COMPONENT

Bellows Coupling - Extended 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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BCLK16-8-4-A
Ruland
1/2" X 1/4" Bellows Coupling With Keyways
Bores, 1.000" Od., 1.523" Length, Bellows
Coupling With Keyways, Increased
Misalignment, Aluminum

UNIT
Inch
SHEET