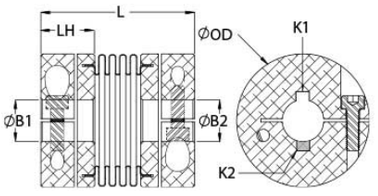
Brand	Ruland
Bore Tolerance	+0.03 mm / -0.00 mm
Material	Aluminum
Bore (B1)	28 mm
Bore (B2)	20 mm
Keyway	Yes
Keyway (K1)	8 mm
Keyway (K2)	6 mm
B1 Max Shaft Penetration	40.2 mm
Seating Torque	39 Nm
B2 Max Shaft Penetration	40.2 mm
Screw Material	Alloy Steel
Screw Finish	Black Oxide
ISO 9001:2015	Certified
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	52.25 Nm
Maximum Speed	10000 RPM
Product Group	Bellows Coupling Standard Length
Shaft Tolerance	+0.000 mm / -0.013 mm
Zero-Backlash?	Yes
Balanced Design	Yes
UNSPC	31163018
Cap Screw	M8
Static Torque	104.5 Nm
Dynamic Torque Reversing	26.13 Nm
Torsional Stiffness	237 Nm/Deg
Hex Wrench Size	6.0 mm
Angular Misalignment	2.0 deg
Parallel Misalignment	0.30 mm
Axial Motion	0.76 mm
Bellows Attachment Method	Epoxy
Length Tolerance	+/- 0.76 mm
Recommended Hex Key	Metric Hex Keys
B1 Min Shaft Penetration	19.1 mm
Temperature	-40°F to 200°F (-40°C to 93°C)
B2 Min Shaft Penetration	19.1 mm



COMPONENT	Bellows Coupling Standard 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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MBCK70-28-20-A

Ruland

28mm X 20mm Bores, 69.9mm, Od, 87.4mm Length, Bellows Coupling With Keyways, High Stiffness, Aluminum

UNIT	Metric
SHEET	