



O.D. (D):	3.125 in (79.4 mm)	Dynamic Torque Reversing:	337.5 lb-in
Brand:	Ruland	Hex Wrench Size:	6.0 mm
Maximum Speed:	10000 RPM	Screw Finish:	Black Oxide
Zero-Backlash?:	Yes	Material:	Aluminum
Balanced Design:	Yes	Bore (B1):	1.2500 in
UNSPC:	31163018	Bore (B2):	1.1250 in
Cap Screw:	M8	Keyway:	No
Static Torque:	1350 lb-in	B1 Max Shaft Penetration:	1.750 in
Dynamic Torque Non-Reversing:	675 lb-in	B2 Max Shaft Penetration:	1.750 in
Temperature:	-40°F to 200°F (-40°C to 93°C)	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Bore Tolerance:	+0.001 in / -0.000 in
Torsional Stiffness:	3500 lb-in/deg	Length (L):	3.816 in (96.9 mm)
Parallel Misalignment:	0.012 in	ISO 9001:2015:	Certified
Axial Motion:	0.030 in	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in	Conflict Minerals:	Compliant
Recommended Hex Key:	Metric Hex Keys	Tariff Code:	8483.60.8000
B1 Min Shaft Penetration:	0.875 in	Number of Screws:	2
Product Group:	Bellows Coupling Standard Length	Seating Torque:	39 Nm
Shaft Tolerance:	+0.0000 in / -0.0005 in	B2 Min Shaft Penetration:	0.875 in

COMPONENT	Bellows Coupling Standard Length
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BC50-20-18-A
Ruland
1 1/4" X 1 1/8" Bores, 3.125" (79.4 Mm), Od,
3.816" (96.9 Mm) Length, Bellows
Coupling, High Stiffness, Aluminum

UNIT
Inch
SHEET