



O.D. (D):	2.750 in (69.9 mm)	Dynamic Torque Reversing:	231.3 lb-in (26.13 Nm)
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):	1.0000 in
UNSPC:	31163018	Bore (B2):	25 mm
Cap Screw:	M8	Keyway:	No
Static Torque:	925 lb-in (104.5 Nm)	B1 Max Shaft Penetration:	1.582 in (40.2 mm)
Dynamic Torque Non-Reversing:	462.5 lb-in (52.25 Nm)	B2 Max Shaft Penetration:	1.582 in (40.2 mm)
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 (+0.03 mm / -0.00 mm)
Torsional Stiffness:	2100 lb-in/Deg (237 Nm/Deg)	Length (L):	3.431 in (87.1 mm)
Parallel Misalignment:	0.012 in (0.30 mm)	ISO 9001:2015:	Certified
Axial Motion:	0.030 in (0.76 mm)	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Conflict Minerals:	Compliant
Recommended Hex Key:	Metric Hex Keys	Tariff Code:	8483.60.8000
B1 Min Shaft Penetration:	0.750 in (19.1 mm)	Number of Screws:	2 ea
Product Group:	Bellows Coupling Standard Length	Seating Torque:	39 Nm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	B2 Min Shaft Penetration:	0.750 in (19.1 mm)

COMPONENT	Bellows Coupling Standard Length
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BC44-1"-25MM-A
Ruland
1" X 25mm Bores, 44.5mm Od, 56.4mm
Length, Bellows Coupling, High Stiffness,
Aluminum

UNIT
Inch/Metric
SHEET