



O.D. (D):	2.750 in (69.9 mm)	Dynamic Torque Non-Reversing:	462.5 lb-in (52.25 Nm)
Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Torsional Stiffness:	2100 lb-in/Deg (237 Nm/Deg)	B2 Max Shaft Penetration:	1.582 in (40.2 mm)
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Material:	Aluminum
Zero-Backlash?:	Yes	Bore (B1):	1.0000 in
Balanced Design:	Yes	Bore (B2):	25 mm
UNSPC:	31163018	Keyway:	Yes
Cap Screw:	M8	Keyway (K1):	1/4 in
Static Torque:	925 lb-in (104.5 Nm)	Keyway (K2):	8 mm
Dynamic Torque Reversing:	231.3 lb-in (26.13 Nm)	B1 Max Shaft Penetration:	1.582 in (40.2 mm)
Hex Wrench Size:	6.0 mm	Seating Torque:	39 Nm
Maximum Speed:	10000 RPM	Screw Material:	Alloy Steel
Angular Misalignment:	2.0 deg	Length (L):	3.439 in (87.4 mm)
Parallel Misalignment:	0.012 in (0.30 mm)	Screw Finish:	Black Oxide
Axial Motion:	0.030 in (0.76 mm)	ISO 9001:2015:	Certified
Bellows Attachment Method:	Epoxy	REACH:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	RoHS3:	Compliant
Recommended Hex Key:	Metric Hex Keys	Conflict Minerals:	Compliant
B1 Min Shaft Penetration:	0.750 in (19.1 mm)	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Number of Screws:	2 ea
Product Group:	Bellows Coupling Standard Length	B2 Min Shaft Penetration:	0.750 in (19.1 mm)

COMPONENT	Bellows Coupling Standard Length
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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