



O.D. (D):	2.000 in (50.8 mm)	Seating Torque:	9.5 Nm
Brand:	Ruland	Length (L):	2.413 in (61.3 mm)
Static Torque:	400 lb-in (45.2 Nm)	Screw Material:	Alloy Steel
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Bore (B1):	18 mm
Zero-Backlash?:	Yes	Bore (B2):	0.5000 in
Balanced Design:	Yes	Keyway:	Yes
UNSPC:	31163018	Keyway (K1):	6 mm
Cap Screw:	M5	Keyway (K2):	1/8 in
Hex Wrench Size:	4.0 mm	B2 Max Shaft Penetration:	1.099 in (27.9 mm)
Dynamic Torque Non-Reversing:	200 lb-in (22.60 Nm)	B1 Max Shaft Penetration:	1.099 in (27.9 mm)
Torsional Stiffness:	950 lb-in/Deg (108 Nm/Deg)	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Dynamic Torque Reversing:	100 lb-in (11.30 Nm)	Number of Screws:	2 ea
Angular Misalignment:	2.0 deg	Screw Finish:	Black Oxide
Parallel Misalignment:	0.010 in (0.25 mm)	ISO 9001:2015:	Certified
Axial Motion:	0.020 in (0.51 mm)	REACH:	Compliant
Bellows Attachment Method:	Epoxy	RoHS3:	Compliant
Length Tolerance:	+/- 0.030 in (0.76 mm)	Conflict Minerals:	Compliant
Maximum Speed:	10000 RPM	Tariff Code:	8483.60.8000
Temperature:	-40°F to 200°F (-40°C to 93°C)	Material:	Aluminum
Product Group:	Bellows Coupling Standard Length	Recommended Hex Key:	Metric Hex Keys

COMPONENT	Bellows Coupling Standard Length
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BCK32-18MM-1/2"-A
Ruland
18mm X 1/2" Bores, 2.000" (50.8mm), Od,
2.413" (61.3mm) Length, Bellows Coupling
With Keyways, High Stiffness, Aluminum

UNIT
Inch/Metric
SHEET