



O.D. (D):	0.750 in (19.1 mm)	Seating Torque:	1.21 Nm
Brand:	Ruland	Bore Tolerance:	+0.001 in / -0.000 in (+0.03 mm / -0.00 mm)
Hex Wrench Size:	2.0 mm	Number of Screws:	2 ea
Temperature:	-40°F to 200°F (-40°C to 93°C)	Material:	Aluminum
Product Group:	Bellows Coupling Standard Length	Bore (B1):	5 mm
Shaft Tolerance:	+0.0000 in / -0.0005 in +0.000 mm / -0.013 mm	Bore (B2):	0.1875 in
Zero-Backlash?:	Yes	Keyway:	No
Balanced Design:	Yes	B1 Max Shaft Penetration:	0.570 in (14.5 mm)
UNSPC:	31163018	Length (L):	1.355 in (34.4 mm)
Maximum Speed:	10000 RPM	B2 Max Shaft Penetration:	0.570 in (14.5 mm)
Cap Screw:	M2.5	Screw Material:	Alloy Steel
Dynamic Torque Non-Reversing:	20 lb-in (2.25 Nm)	Screw Finish:	Black Oxide
Dynamic Torque Reversing:	10 lb-in (1.13 Nm)	ISO 9001:2015:	Certified
Torsional Stiffness:	87 lb-in/Deg (9.8 Nm/Deg)	REACH:	Compliant
Angular Misalignment:	3.0 deg	RoHS3:	Compliant
Parallel Misalignment:	0.008 in (0.20 mm)	Conflict Minerals:	Compliant
Axial Motion:	0.020 in (0.51 mm)	Tariff Code:	8483.60.8000
Bellows Attachment Method:	Epoxy	Length Tolerance:	+/- 0.030 in (0.76 mm)
Static Torque:	40 lb-in (4.5 Nm)		

COMPONENT	Bellows Coupling Standard Length
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**BCL12-5MM-3/16"-A**  
**Ruland**  
5mm X 3/16" Bores, 0.750" (19.1mm), Od,  
1.355" (34.4 Mm) Length, Bellows  
Coupling, Increased Misalignment,  
Aluminum

UNIT
Inch/Metric
SHEET