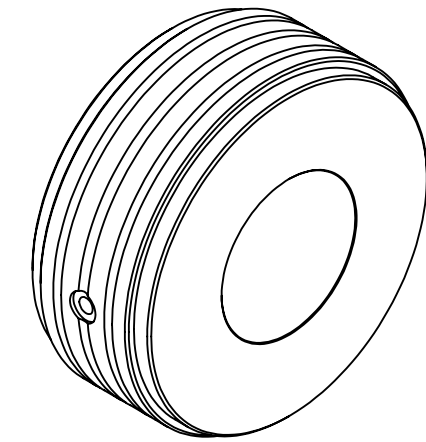
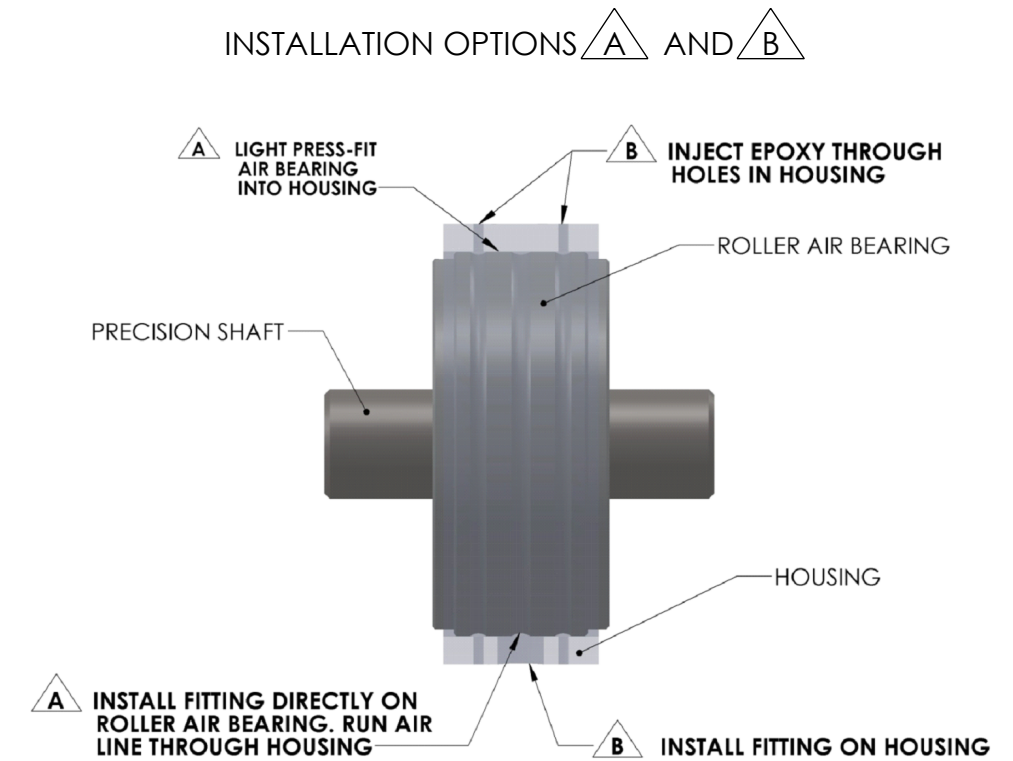
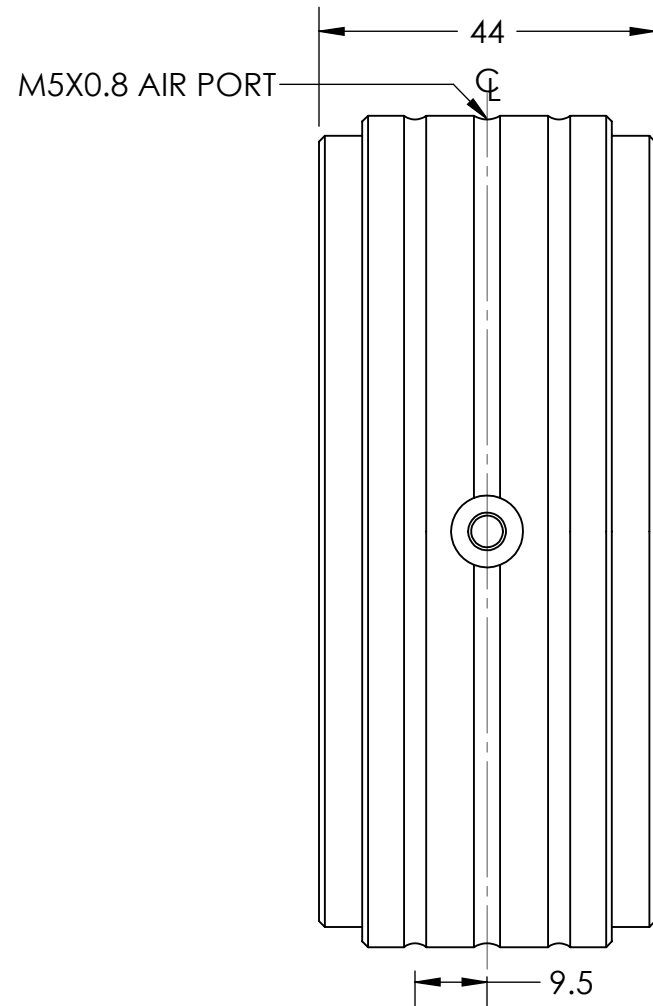
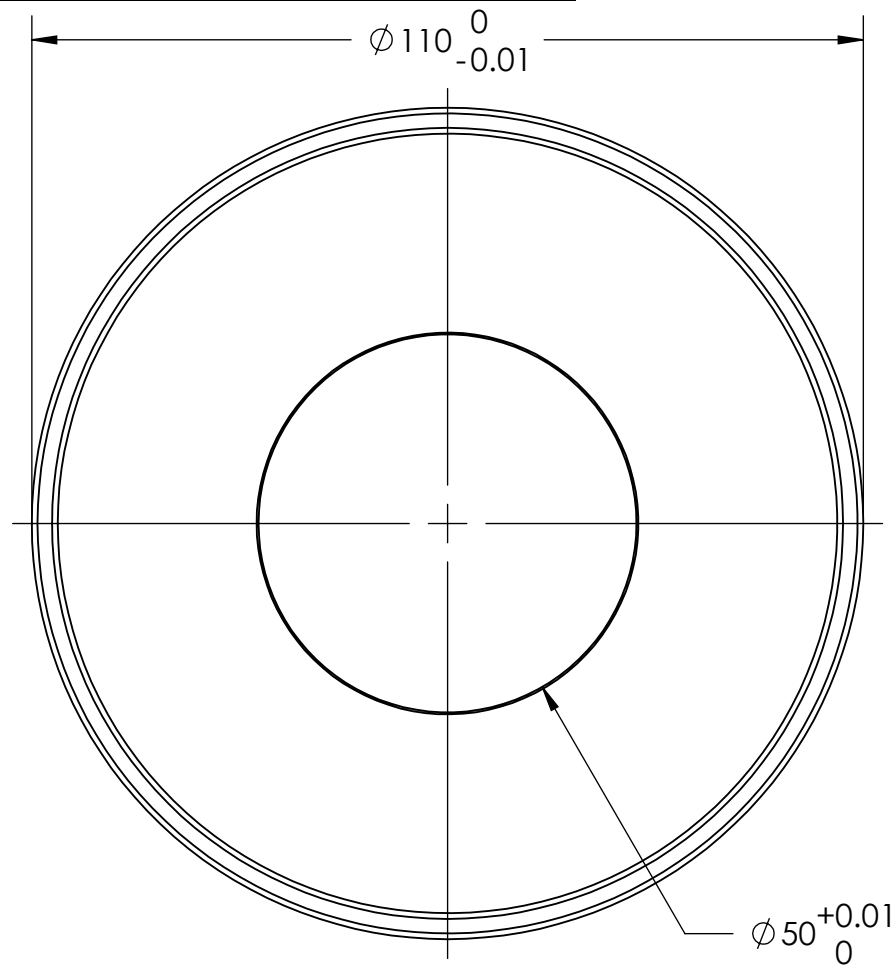



Title	Specification
Size	50mm ID
Part Number	OAVRL50M
Housing Material/Finish	7075 Aircraft Quality Aluminum
Input Pressure	40 psi - 100 max psi
Porous Material	Carbon
Pressure Port Threads	M5x0.8
Lifetime	infinite
Radial Load Capacity	70.1 lbs (311.8 N)
Optimal Thrust Load	185 lbs (823 N)
Radial Stiffness	110 N/ μ m (0.63 lbs/ μ in)
Bearing Inside Diameter (ID)	50mm +.01mm
Bearing Outside Diameter (OD)	110mm -.01mm
Bearing Length	44.5 mm
Bearing Weight	1265g
Recommended Shaft Outside Diameter (OD)	50mm - .02mm
Flow Rate	39.3 SCFH (18.5 NLPM)



SCALE 1 : 2



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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 TITLE: ROLLER AIR BEARING, 50MM
DIMENSIONS ARE IN MILLIMETERS		DRAWN		
TOLERANCES:		CHECKED		
FRACTIONAL \pm		ENG APPR.		
ANGULAR: \pm		MFG APPR.		
TWO PLACE DECIMAL \pm		Q.A.		SIZE DWG. NO. REV B OAVRL50M R1
THREE PLACE DECIMAL \pm		COMMENTS:		SCALE: 1:1 WEIGHT: SHEET 1 OF 1
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL	ALUMINUM 7075/CARBON			
FINISH				
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			