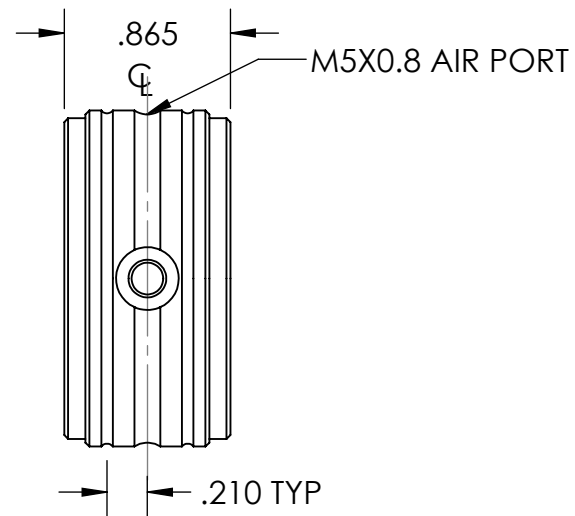
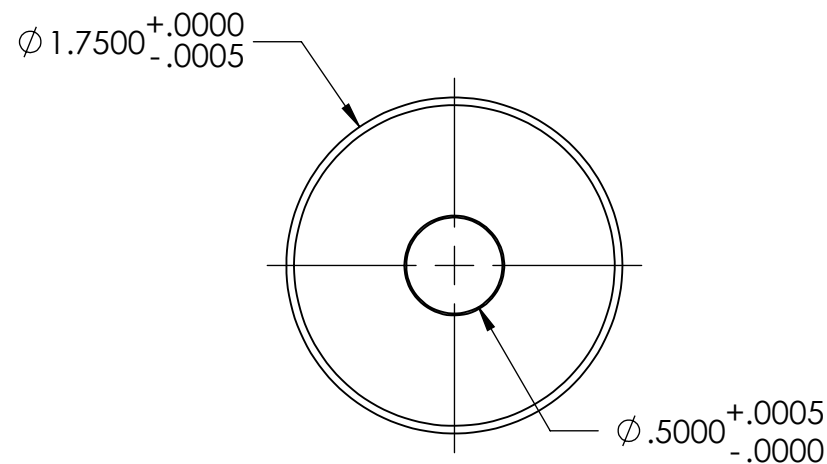
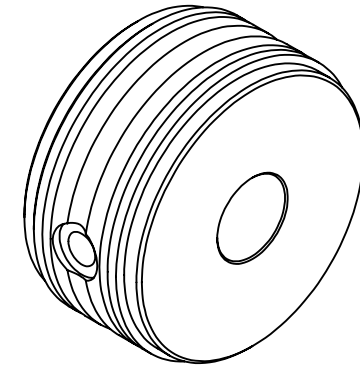
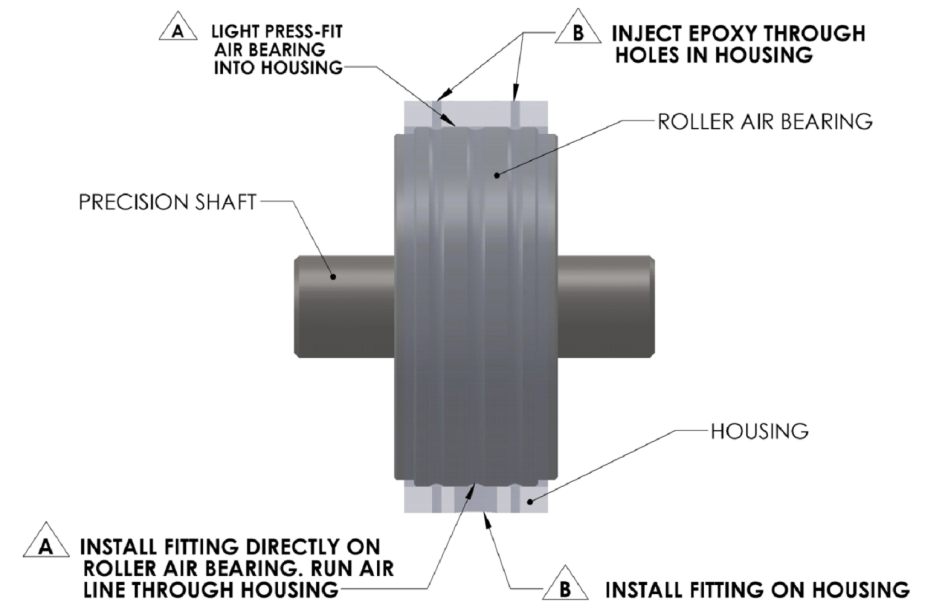


Title	Specification
Size	.5 inch ID
Part Number	OAVRL0500
Housing Material/Finish	7075 Aircraft Quality Aluminum
Input Pressure	40 psi - 100 max psi
Porous Material	Carbon
Pressure Port Threads	M5x0.8
Lifetime	infinite
Radial Load Capacity	6.5 lbs (28.8 N)
Optimal Thrust Load	27 lbs (120 N)
Radial Stiffness	11 N/ μ m (.06 lbs/ μ in)
Bearing Inside Diameter (ID)	.5000 inch +.0005 inch -.0000 inch
Bearing Outside Diameter (OD)	1.7500 inch +.0000 inch -.0005 inch
Bearing Length	.865 inch
Bearing Weight	76g
Recommended Shaft Outside Diameter (OD)	.5000 inch - .0007 inch
Flow Rate	12.2 SCFH (5.8 NLPM)



INSTALLATION OPTIONS **A** AND **B**



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES		DRAWN	
		TOLERANCES:		CHECKED	
		FRACTIONAL \pm		ENG APPR.	
		ANGULAR: MACH \pm BEND \pm		MFG APPR.	
		TWO PLACE DECIMAL \pm		Q.A.	
		THREE PLACE DECIMAL \pm		COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL ALUMINUM 7075/ CARBON			
NEXT ASSY	USED ON	FINISH ANODIZE PER MIL-A-8625			
APPLICATION		DO NOT SCALE DRAWING			
TITLE: ROLLER AIR BEARING, .500 INC					
SIZE B	DWG. NO. OAVRL0500			REV	
SCALE: 1:1	WEIGHT:			SHEET 1 OF 1	