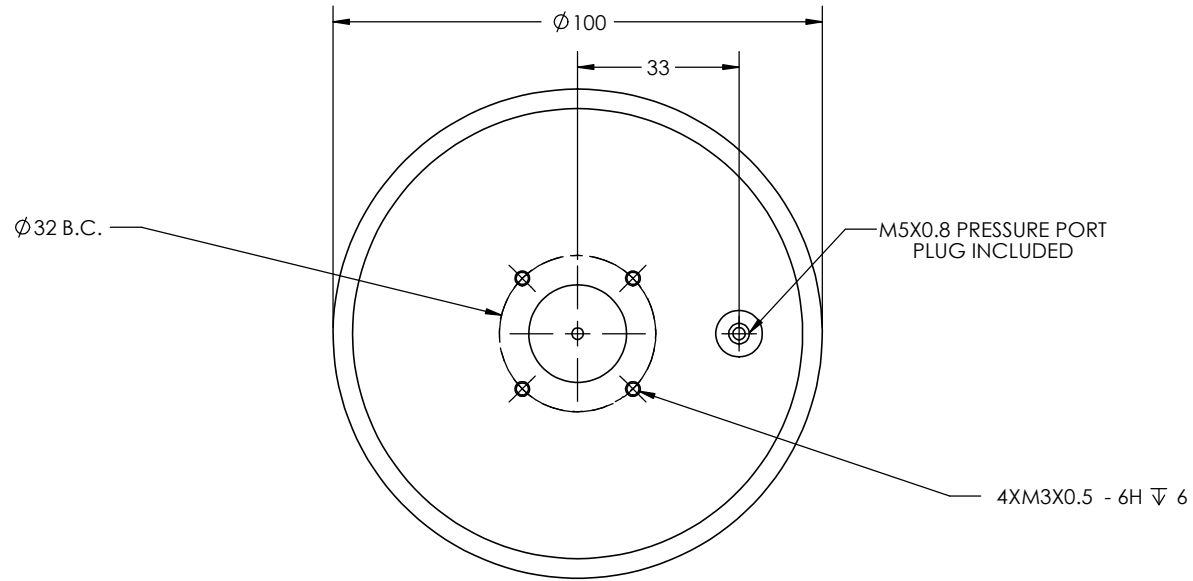
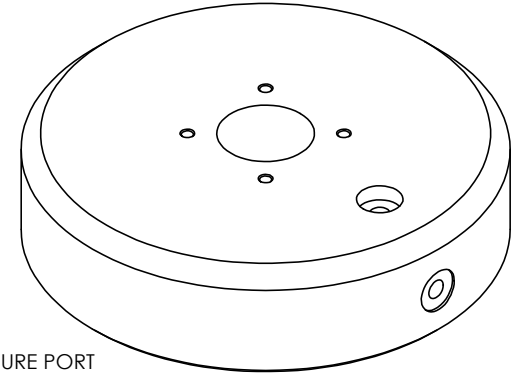
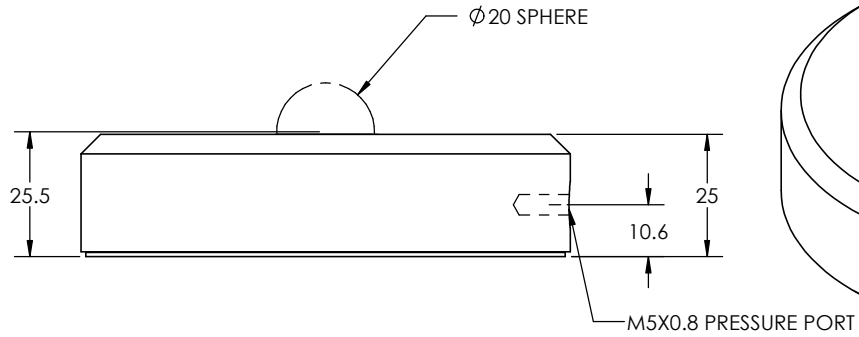



Title	Specification
Size	100mm
Part Number	OAVR100R
Input Pressure	0.28 to 0.68 MPa (40 to 100 PSI)
Ideal Load	1856 N (417 lbs)
Stiffness	156 N/micron (.89 lbs/μ in)
Flow Rate	2.4 NLPM (5.1 SCFH)
Fly Height	5 microns
Bearing Size	100 mm
Bearing Height	25 mm
Bearing Weight	436 grams
Housing Material/Finish	Aluminum/Anodized
Porous Media Material	Carbon
Flatness	0.0005 mm (0.00002 in)
Pressure Port Thread	M5 x 0.8



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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MILLIMETERS		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			
FINISH ANODIZE PER MIL-A-8625			
NEXT ASSY	USED ON		
APPLICATION			
DO NOT SCALE DRAWING			



TITLE:
**ROUND AIR BEARING,
 100MM**

SIZE B	DWG. NO. OAVR100R	REV
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SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1