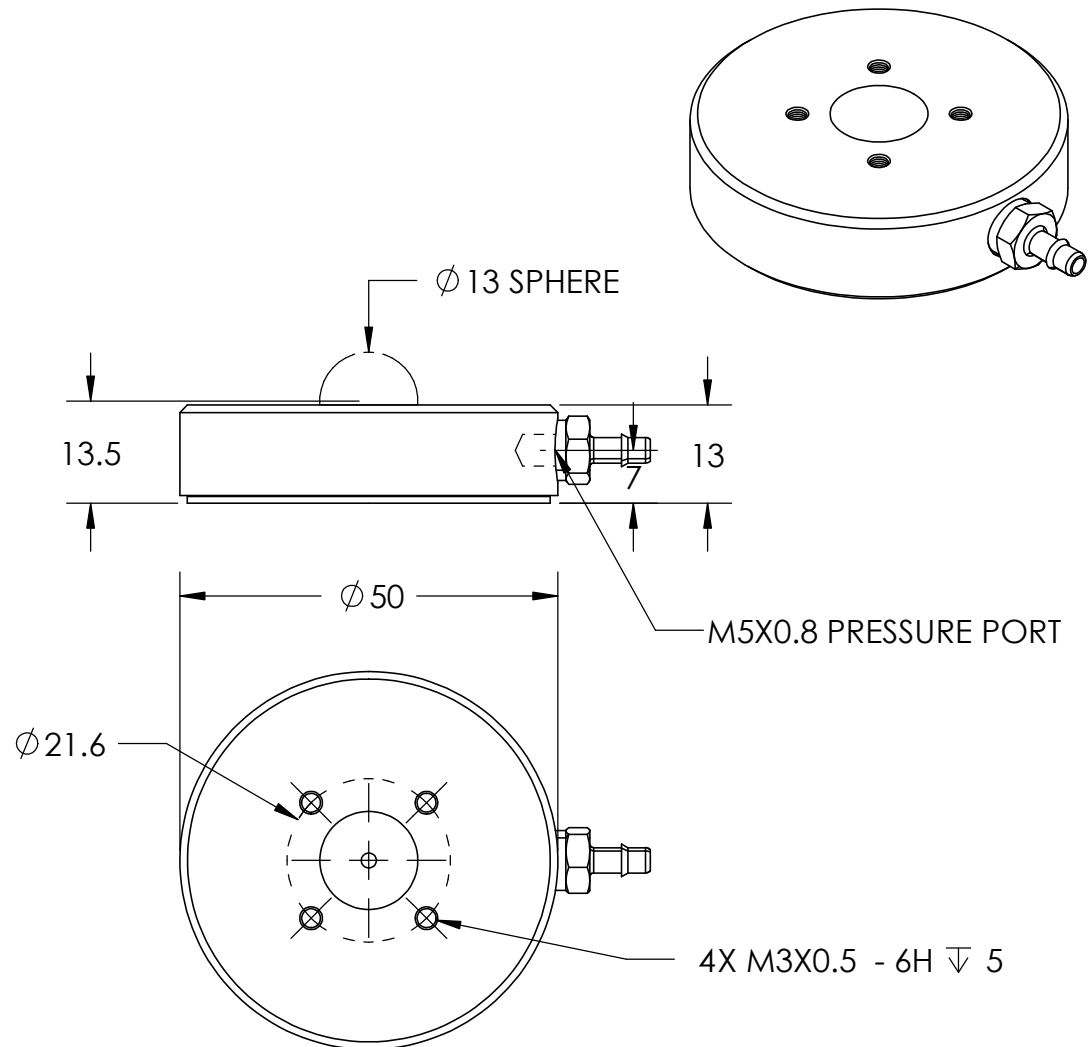


Title	Specification
Size	50mm
Part Number	OAVR050R
Input Pressure	0.28 to 0.68 MPa (40 to 100 PSI)
Ideal Load	392 N (88 lbs)
Stiffness	37 N/micron (0.21 lbs/ μ in)
Flow Rate	1.2 NLPM (2.5 SCFH)
Fly Height	5 microns
Bearing Size	50 mm
Bearing Height	13 mm
Bearing Weight	61 grams
Housing Material/Finish	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 ANODIZE		
		AS PER MIL-A-8625		
NEXT ASSY	USED ON	FINISH ALUMINUM 7075/ CARBON		
APPLICATION		DO NOT SCALE DRAWING		

		
TITLE:		
ROUND AIR BEARING, 50MM		
SIZE	DWG. NO.	REV
A	OAV050R	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1