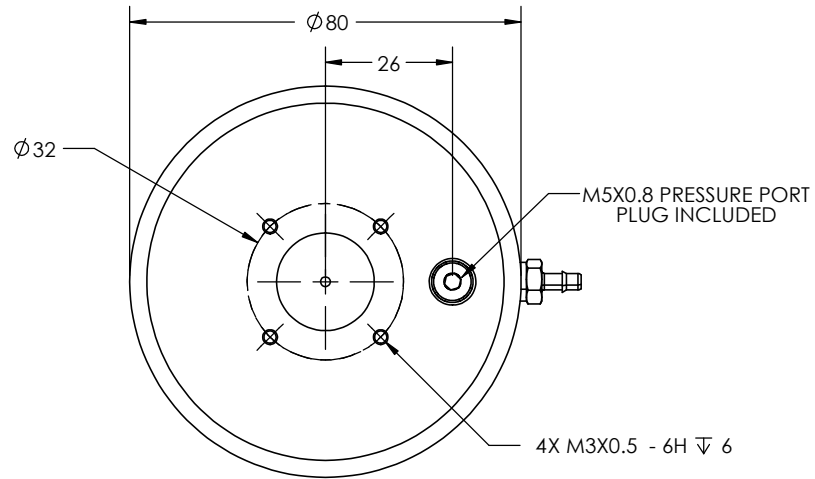
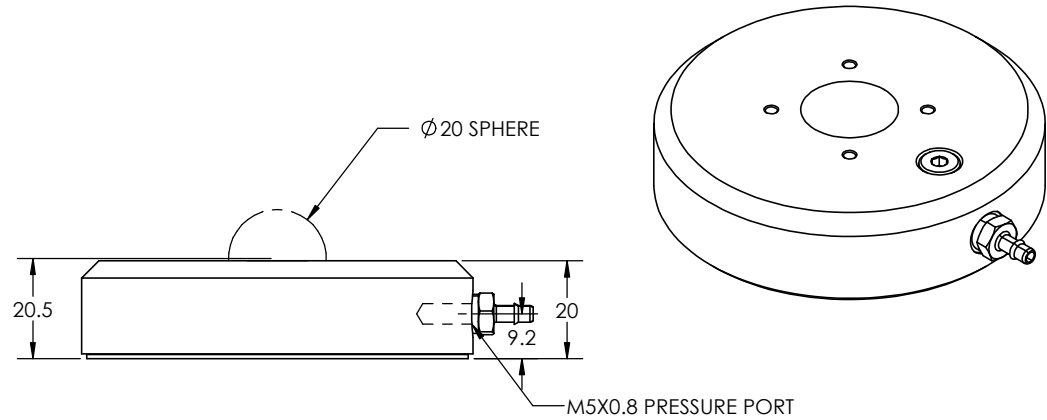


Title	Specification
Size	80mm
Part Number	OAVR080R
Input Pressure	0.41 to 0.68 MPa (60 to 100 PSI)
Ideal Load	1189 N (267 lbs)
Stiffness	98 N/micron (0.56 lbs/μin)
Flow Rate	1.9 NLPM (4.0 SCFH)
Fly Height	5 microns
Bearing Size	80 mm
Bearing Height	20 mm
Bearing Weight	231 grams
Housing Material/Finish	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, 80MM		
SIZE B	DWG. NO. OAVR080R	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1