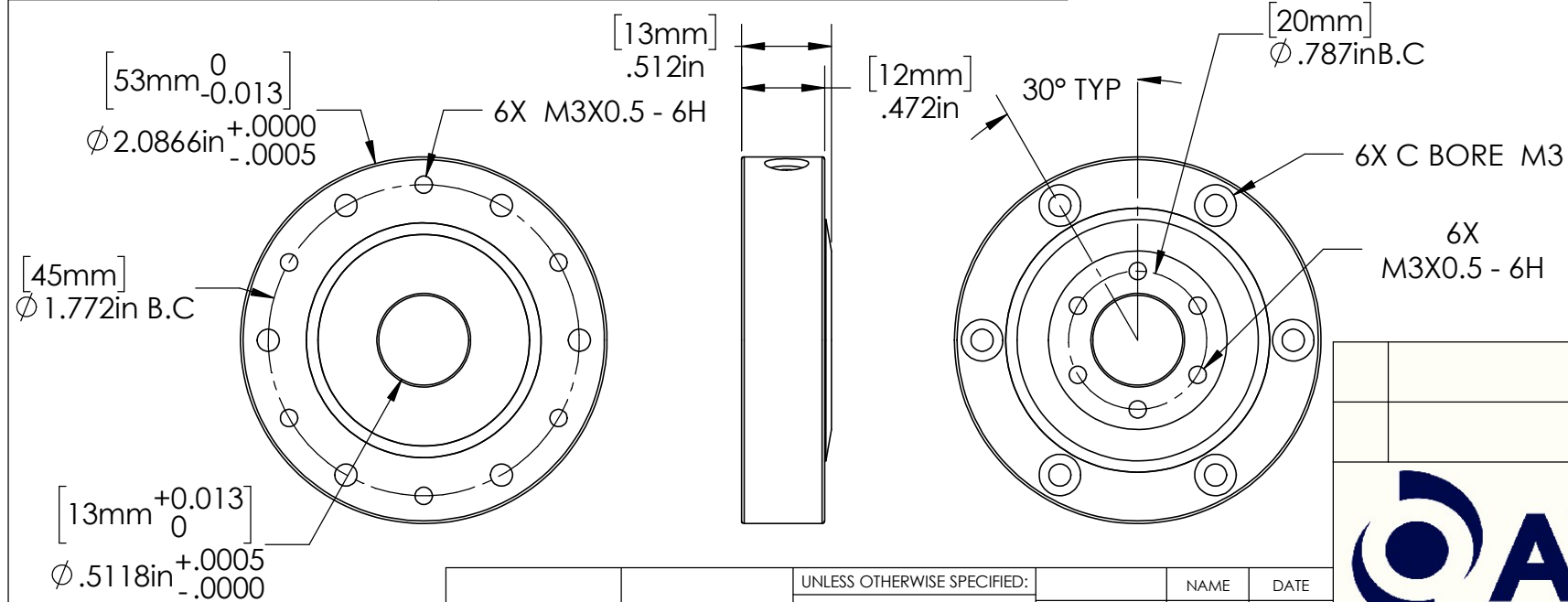
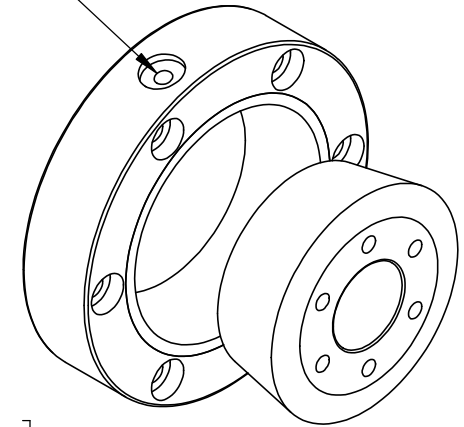



TITLE	Specification
Size	13mm
Part Number	OAV-TPR13M
Housing Material	7075 Aircraft Quality Aluminum/ Hard Anodized
Input Pressure	28 Mpa to 68 Mpa (40 to 100 psi)
Porous Material	Carbon
Pressure Port	M3
Radial Load	20.7 lb
Thrust Load	12.4 lb
Stiffness	10.7 N/μm
Pitch Moment Max	.5 N-m
Bearing Outside Diameter (OD)	53mm
Bearing Inside Diameter (ID)	13mm
Bearing Width	13mm
Cage Width	12mm
Bearing Weight	.148lb (67 gram)
Flow Rate	3.68 SCFH

M3 Air Inlet



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		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	
		DIMENSIONS ARE IN INCHES	DRAWN	JS	5/24/23
		TOLERANCES:	CHECKED		
		FRACTIONAL ±.012	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±.010	Q.A.		
		THREE PLACE DECIMAL ±.005	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			



AV
air bearing

TITLE:
13MM Tapered-Roller Air Bearing

SIZE A	DWG. NO. TPR013M	REV A
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1