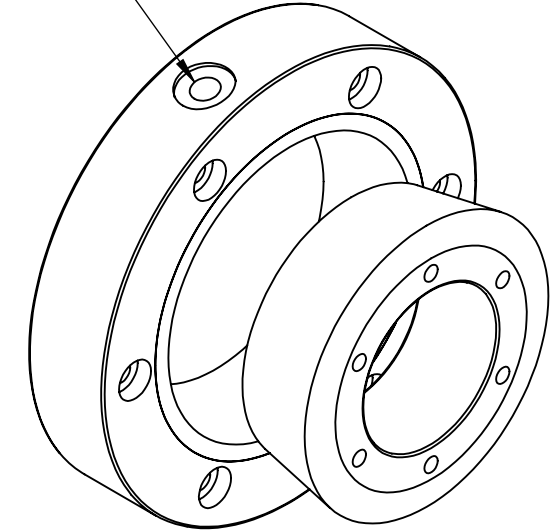
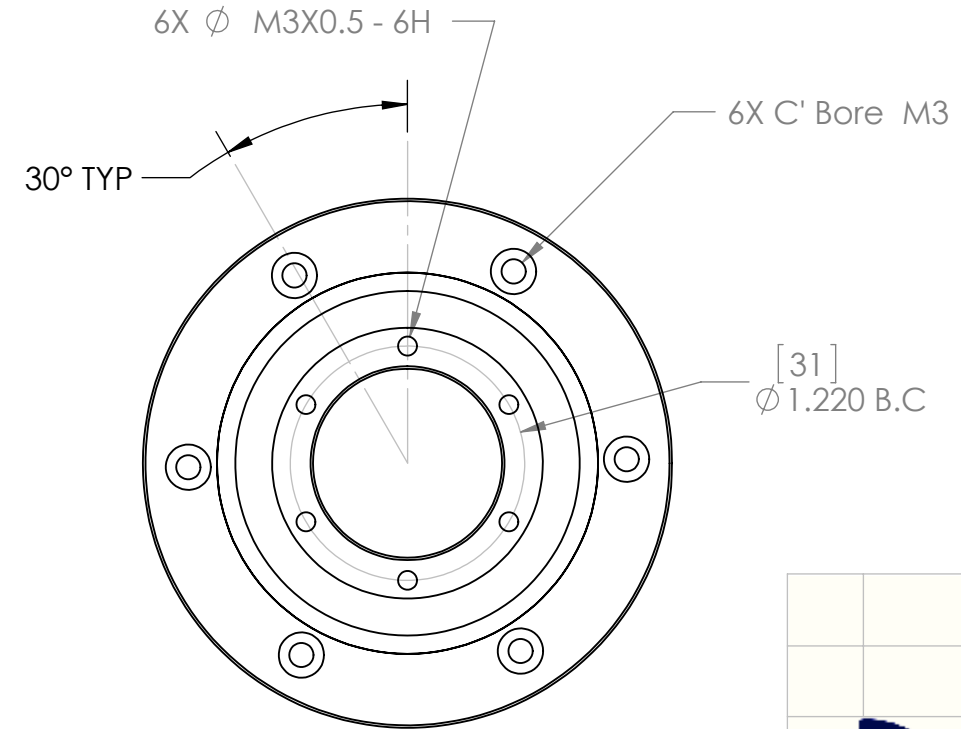
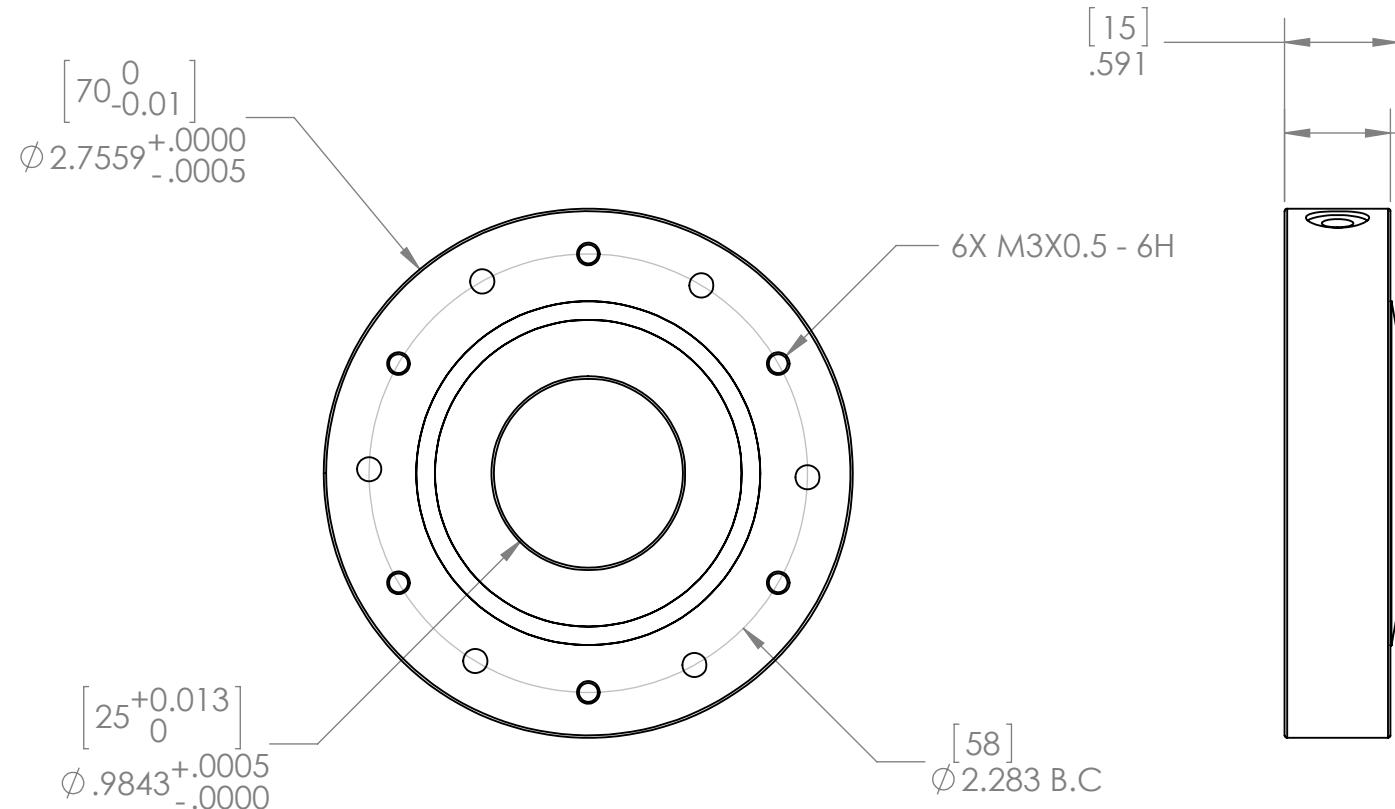


TITLE	Specification
Size	25mm
Part Number	OAV-TPR25M
Housing Material	7075 Aircraft Quality Aluminum/ Hard Anodized
Input Pressure	28 Mpa to 68 Mpa (40 to 100 psi)
Porous Material	Carbon
Pressure Port	M3
Radial Load	71.5lb
Thrust Load	42.9
Stiffness	64 N/ μ m
Pitch Moment Max	2.8 N-m
Bearing Outside Diameter (OD)	70mm
Bearing Inside Diameter (ID)	25mm
Bearing Width	15mm
Cage Width	14mm
Bearing Weight	.28lb (127 gram)
Flow Rate	5.66 SCFH

M3 AIR INLET



C



B

A

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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			
FINISH			
NEXT ASSY	USED ON		
APPLICATION			
DO NOT SCALE DRAWING			



TITLE:
**25mm
 Tapered Roller Air Bearing**

SIZE	DWG. NO.	REV
B	OAV-TPR025M	

SCALE: 1:1 WEIGHT: SHEET 1 OF 1

8

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1