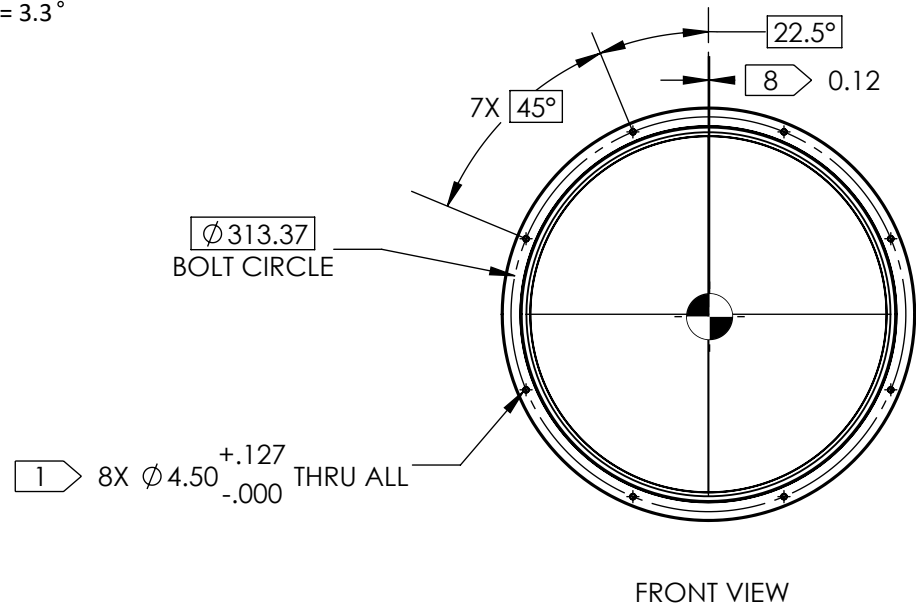
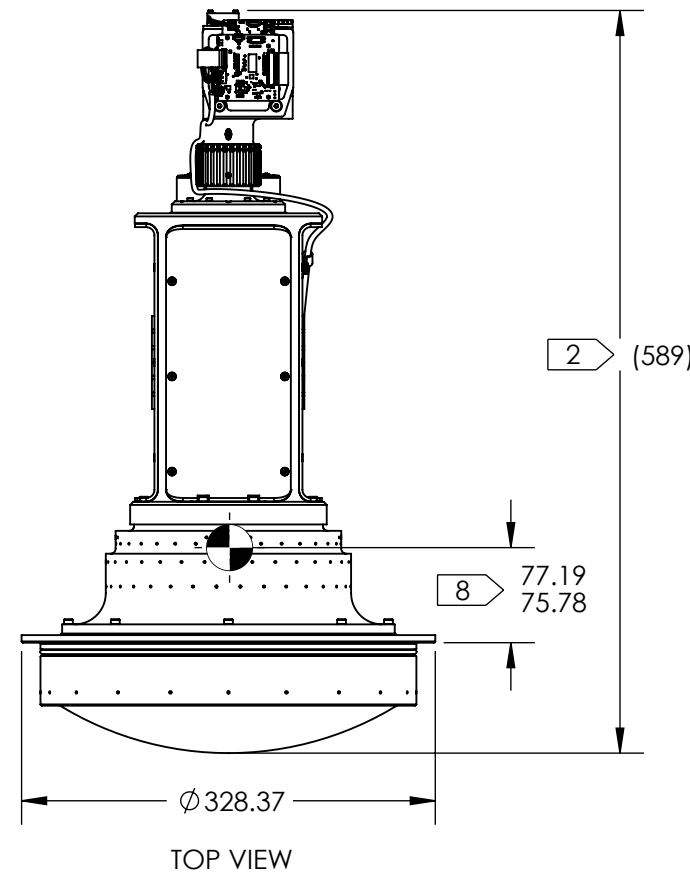
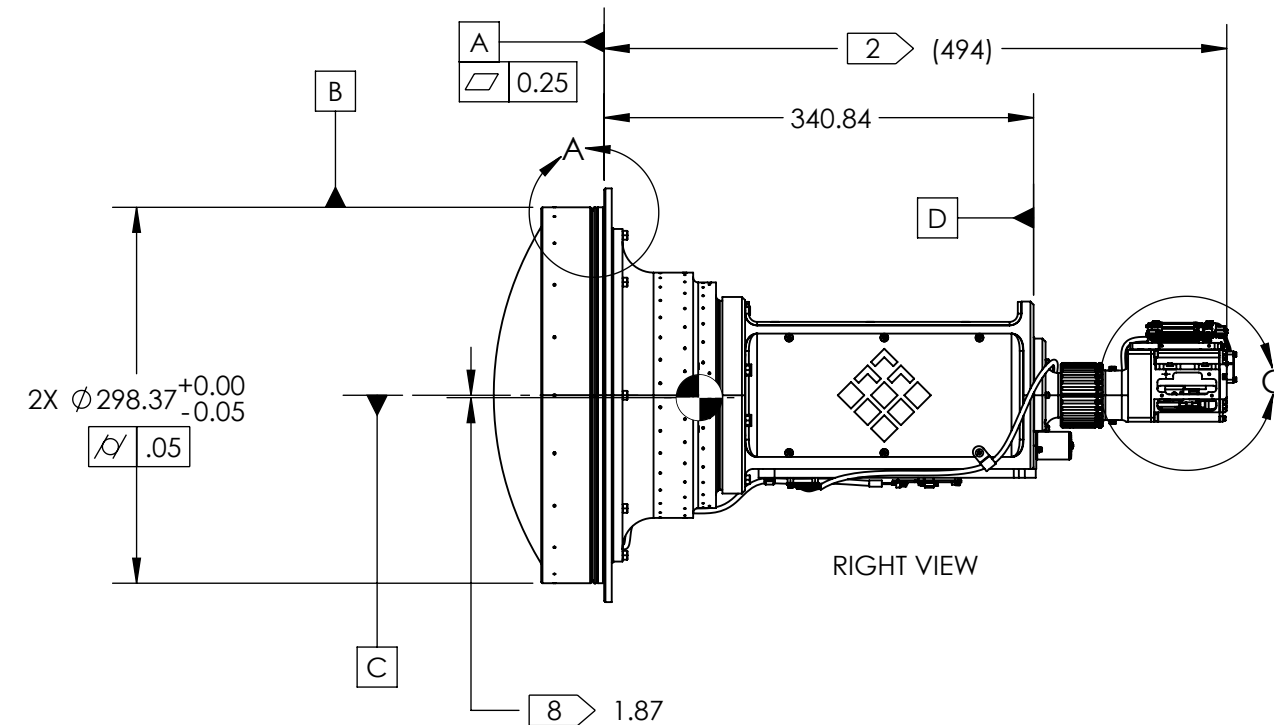
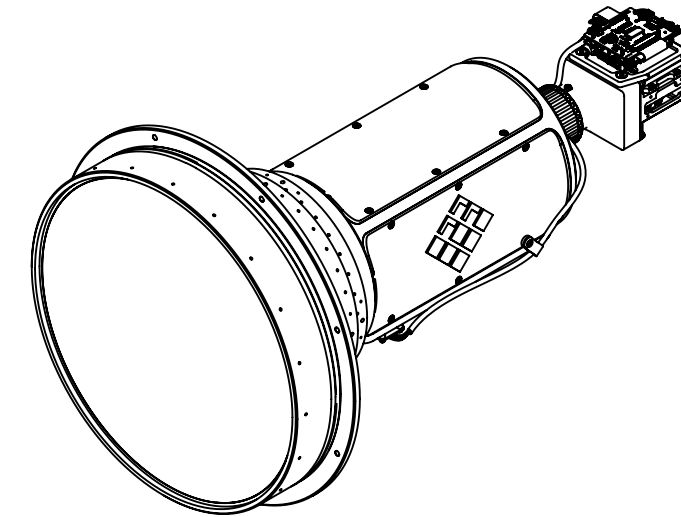


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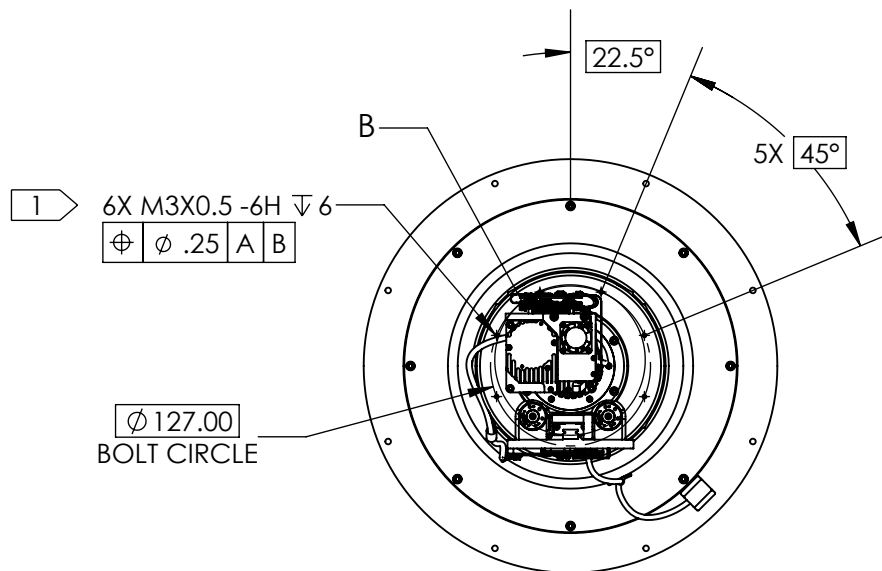
- 1. WHEN MOUNTING CAMERA, USE PRIMARY HOLES ON DATUM A AND D. SECONDARY HOLES ARE AVAILABLE ON SENSOR FRAME FOR ADDITIONAL SUPPORT AND FOR MOUNTING ACCESSORIES. DO NOT OVER CONSTRAIN DUE TO VARIATION IN BACKWORKING DISTANCE, SENSOR POSITION AND SECONDARY HOLES HAVE VARIABLE LOCATION WITH RESPECT TO DATUM A +/- 1MM
- 2. THE LENS ASSEMBLY AND SENSOR ASSEMBLY HAVE VARIABLE ALIGNMENT IN ORDER TO FACILITATE OPTICAL CALIBRATION. DATUM C IS +/- 1MM RELATIVE TO SECONDARY HOLES AND SENSOR POSITION
- 3. OVERALL THERMAL DISSIPATION IS APPROX 16 WATTS. PRIMARY HEAT SINKING SURFACES INDICATED
- 4. BENCHTOP MOUNT TO BE USED FOR SHIPPING AND TESTING, NOT FOR INTEGRATION.
- 5. FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD DOC NO 20-70005
- 6. APPROXIMATE VENTUS HD6 0.6 MASS 13.5KG WITHOUT BENCH TOP MOUNT, 15KG WITH BENCH TOP MOUNT.
- 7. APPROX C.G. LOCATION. Z POSITION SHIFTS ~ 1.4 mm BETWEEN NARROW AND WIDE FOV.
- 8. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 3.3°



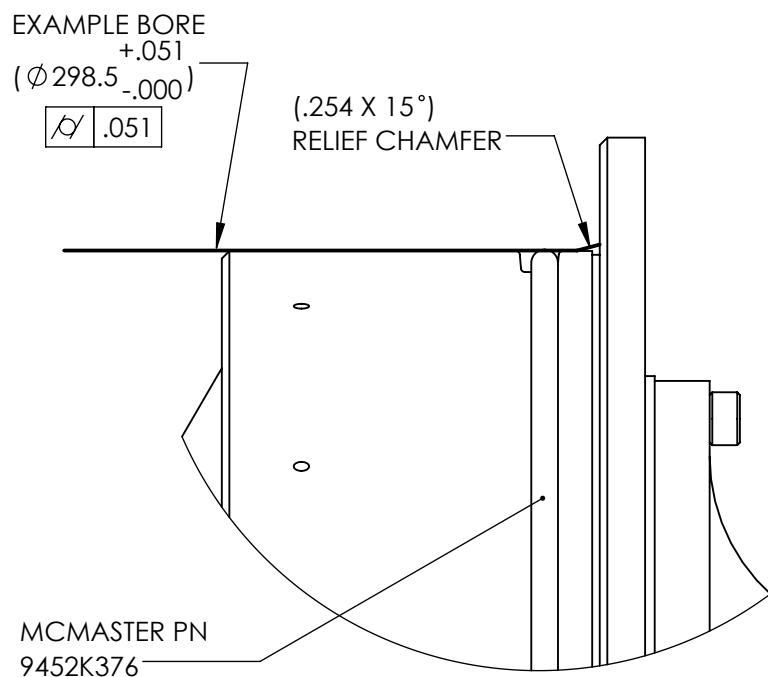
REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	2	UPDATED C.G. AND MASS		2024-02-27	B. BROWN
	A	INITIAL RELEASE	1698	2024-03-06	B. BROWN



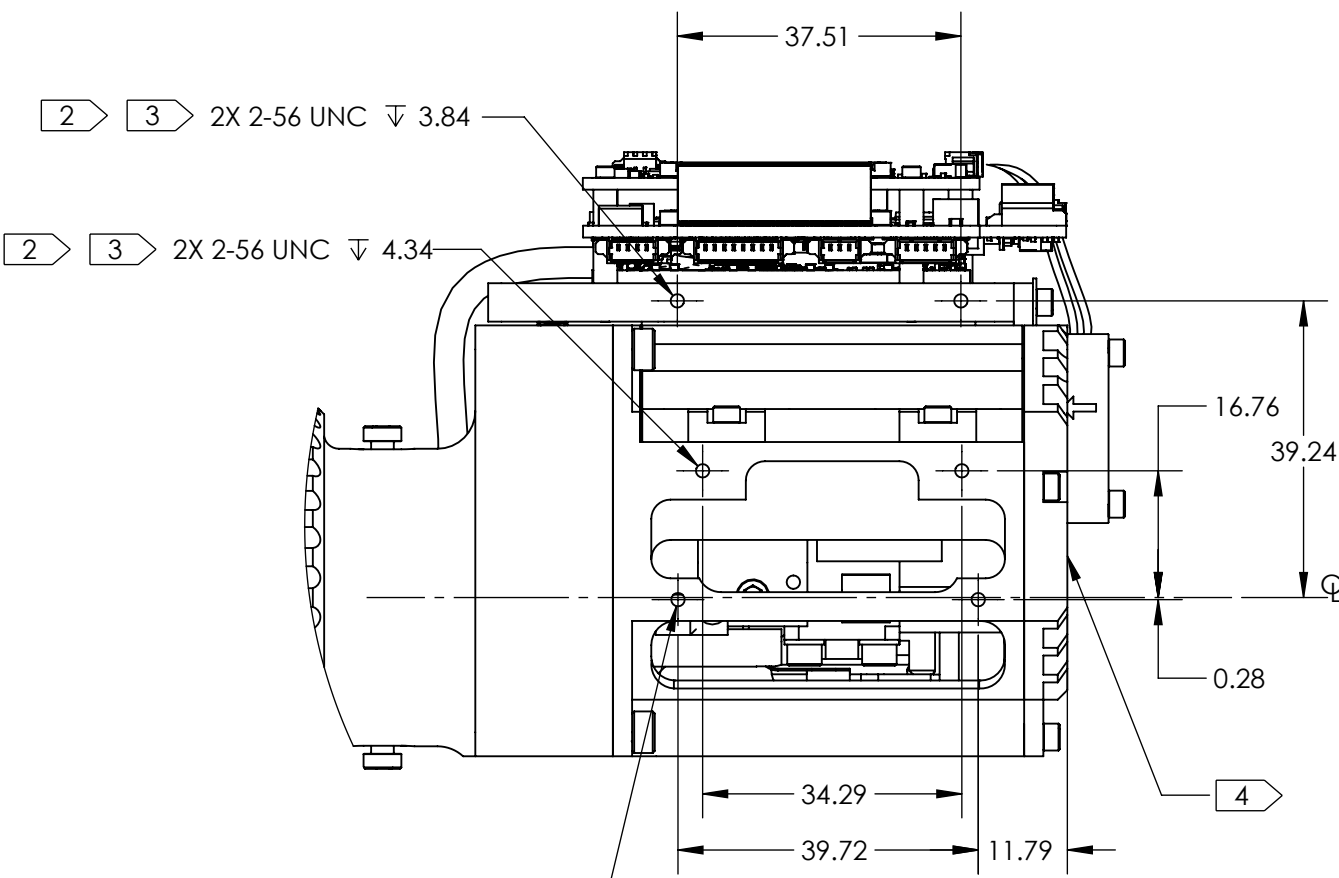
Product Export Classification Control Number(ECCN): 6A003.b.4.a  This document does not contain export-controlled technology.	<b>PROPRIETARY AND CONFIDENTIAL</b> <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.</small>	DIMENSIONS ARE IN MILLIMETERS TOLERANCES: +/- 0.254mm (0.01in) +/- 1deg EXCEPT WHERE NOTED.	N/A	
		MATERIAL: N/A	DO NOT SCALE DRAWING	
COMMENTS:		FINISH: N/A	DESCRIPTION: Mechanical ICD, Ventus HD6-0.6	
		SIZE: <b>B</b> DRAWN BY: D.KAMINSKI		SHEET 1 OF 3
		DRAWING NUMBER: 20-70043		Rev. A



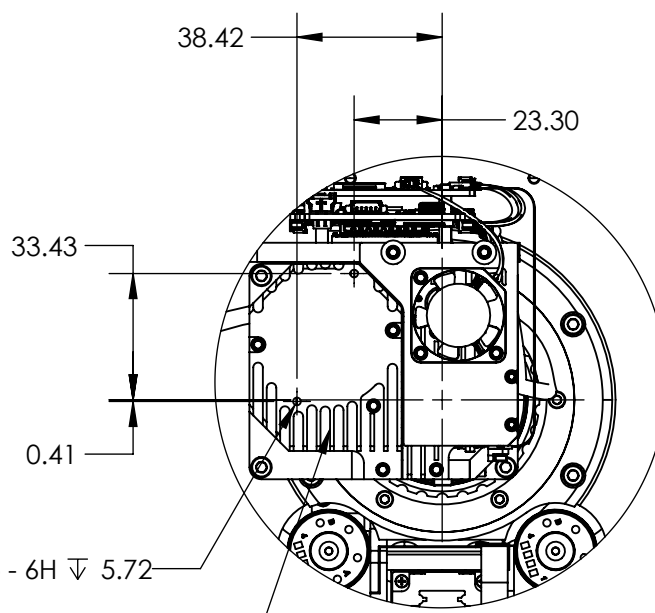
BACK VIEW



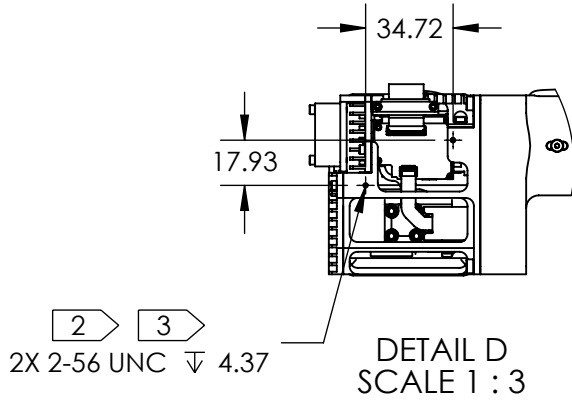
DETAIL A  
 SCALE 1 : 1  
 PREFERRED PILOT BORE INTERFACE  
 FOR O-RING SEAL



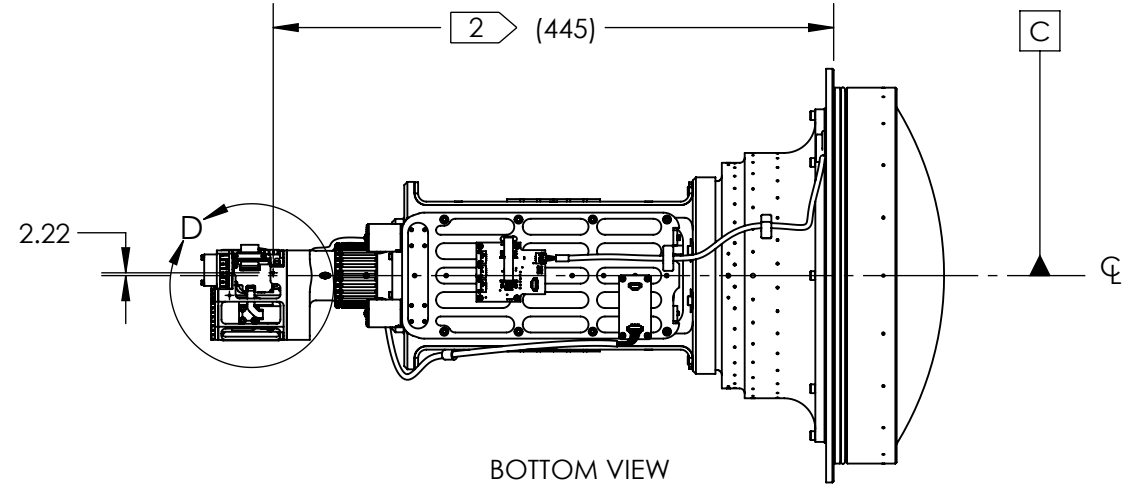
DETAIL C  
 SCALE 1 : 1



DETAIL B  
 SCALE 1 : 2



DETAIL D  
 SCALE 1 : 3



BOTTOM VIEW

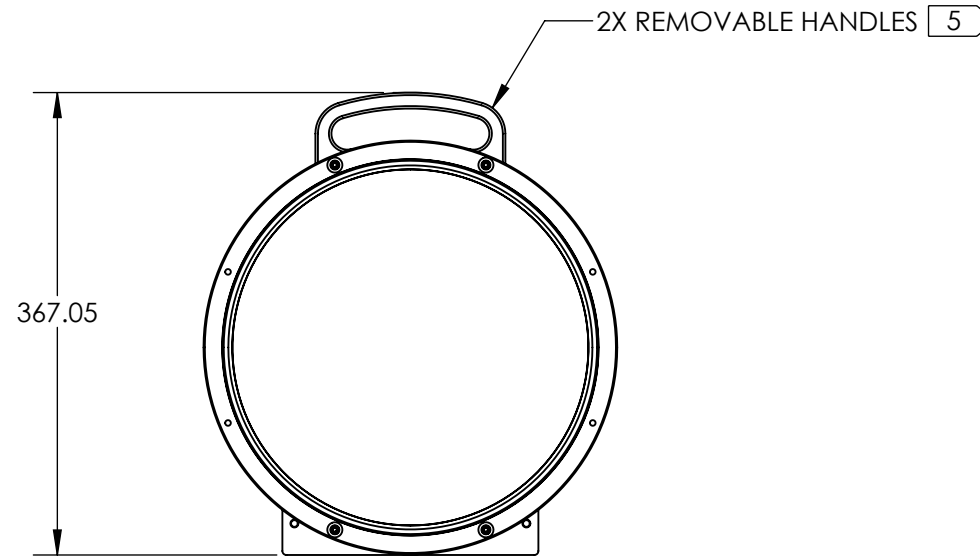
Product Export Classification Control Number(ECCN): 6A003.b.4.a  This document does not contain export-controlled technology.	<b>PROPRIETARY AND CONFIDENTIAL</b>  THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.	DIMENSIONS ARE IN MILLIMETERS TOLERANCES: +/- 0.254mm (0.01in) +/- 1deg EXCEPT WHERE NOTED.	N/A  DO NOT SCALE DRAWING	<b>SIERRA-OLYMPIA</b> TECHNOLOGIES INC.
		MATERIAL:  N/A		
COMMENTS:		FINISH:  N/A		DESCRIPTION: Mechanical ICD, Ventus HD6-0.6
				SIZE: B DRAWN BY: D.KAMINSKI DRAWING NUMBER: 20-70043
				SHEET 2 OF 3 Rev. A

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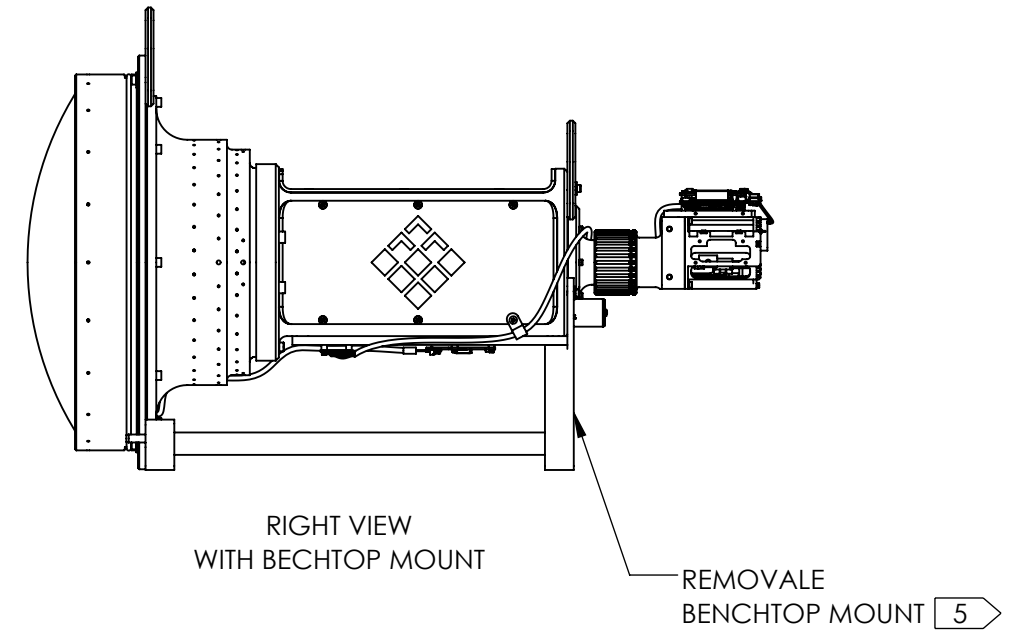
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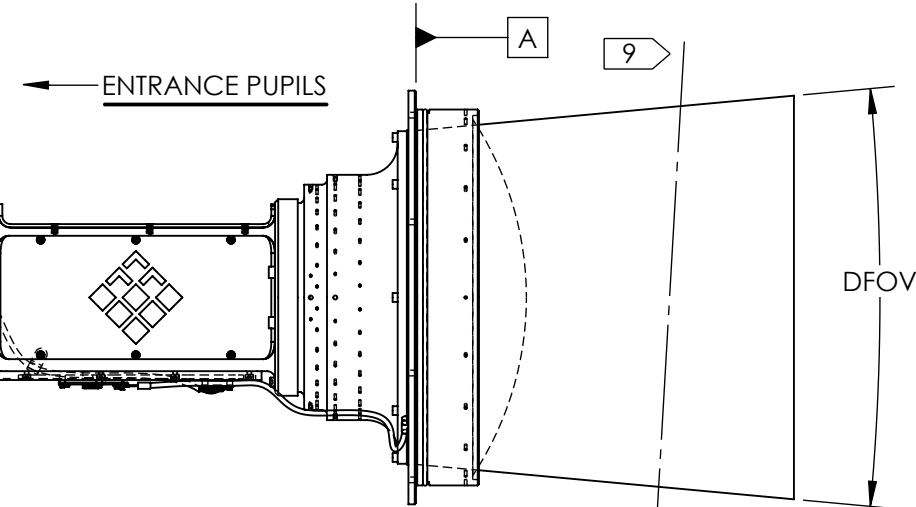


FRONT VIEW WITH BECHTOP MOUNT



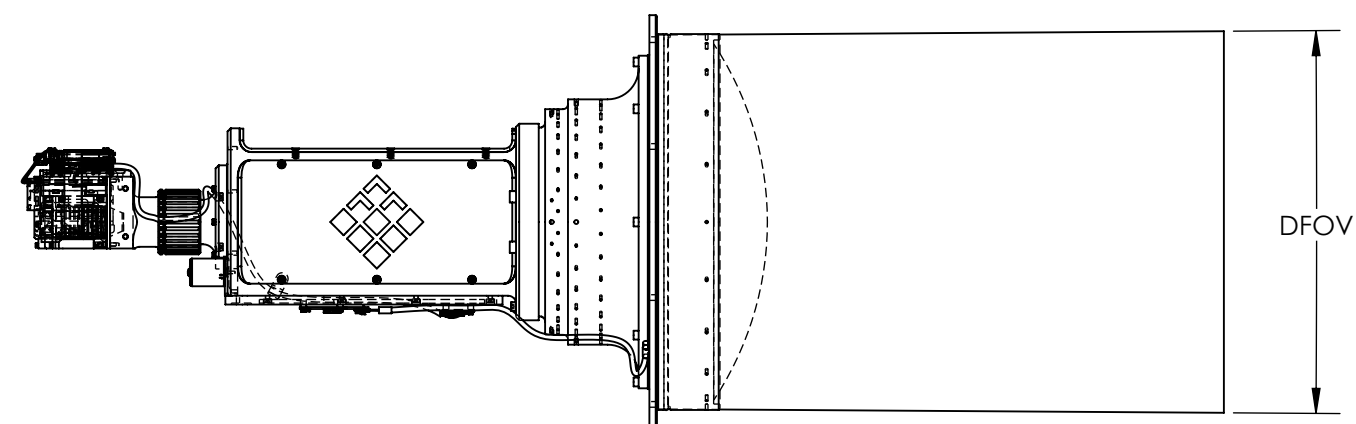
RIGHT VIEW WITH BECHTOP MOUNT

REMOVALE BENCHTOP MOUNT 5



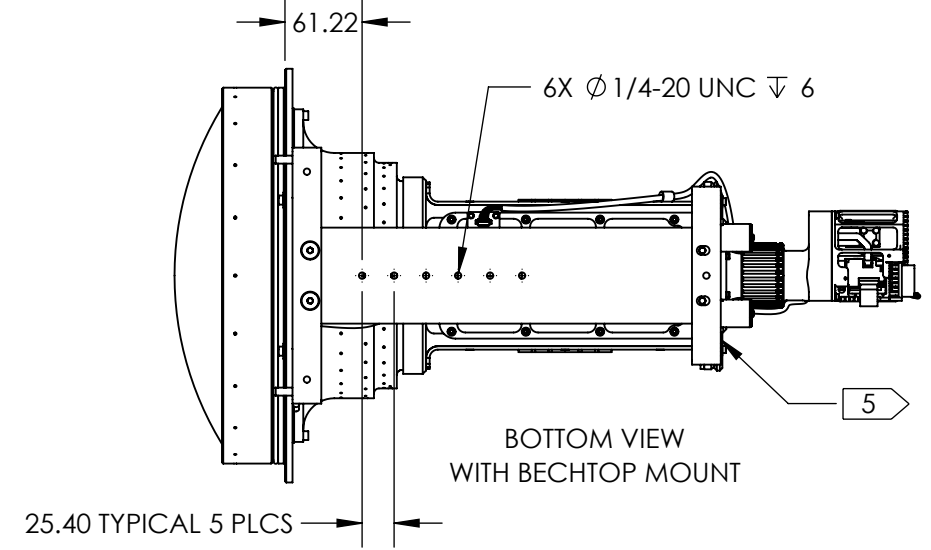
WIDE FIELDS OF VIEW  
 ENTRANCE PUPIL LOCATION Z -1331mm  
 ENTRANCE PUPIL DIAMETER 19.23mm

HFOV	8.78°
VFOV	6.59°
DFOV	10.54°



NARROW FIELDS OF VIEW  
 ENTRANCE PUPIL LOCATION Z -1534mm  
 ENTRANCE PUPIL DIAMETER 276.9mm

HFOV	.61°
VFOV	.46°
DFOV	.75°



BOTTOM VIEW WITH BECHTOP MOUNT

25.40 TYPICAL 5 PLCS

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		MATERIAL: FINISH:	N/A	
COMMENTS:				DESCRIPTION: Mechanical ICD, Ventus HD6-0.6
SIZE <b>B</b>		DRAWN BY: D.KAMINSKI	SHEET 3 OF 3	
DRAWING NUMBER: 20-70043		Rev. A		

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