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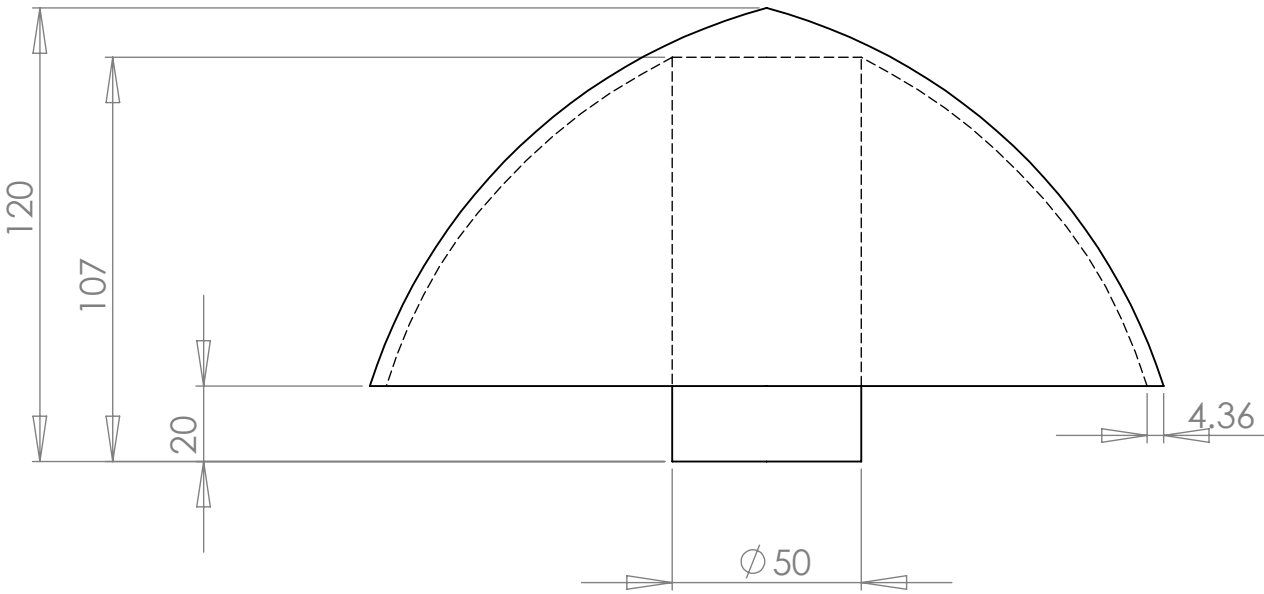
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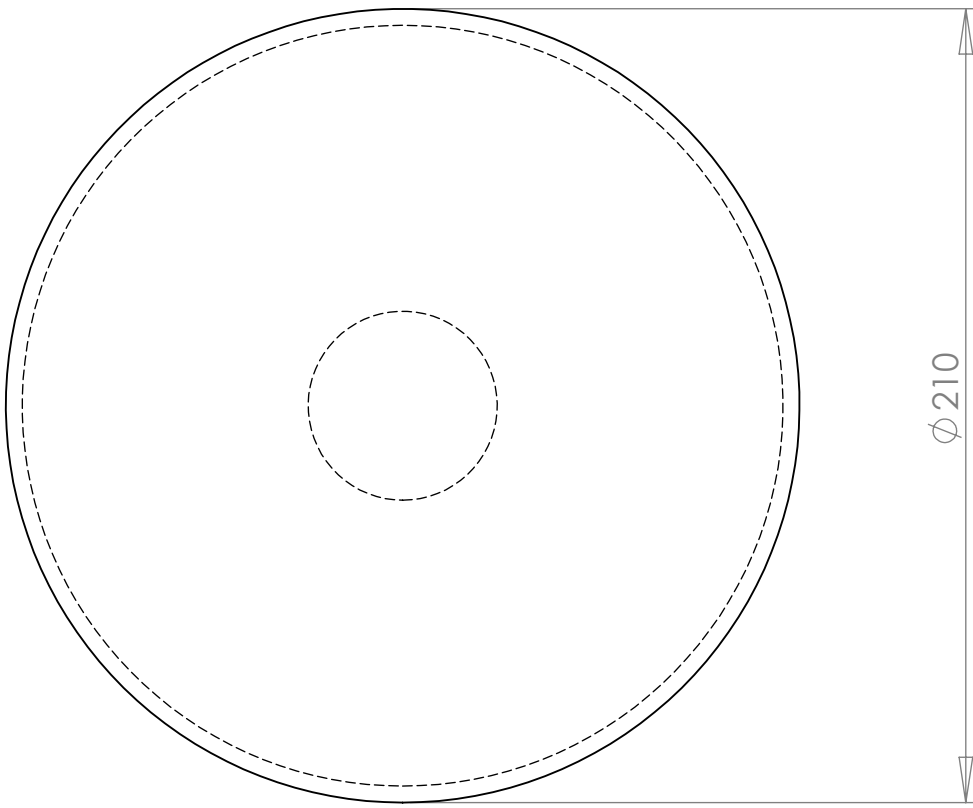
B

A

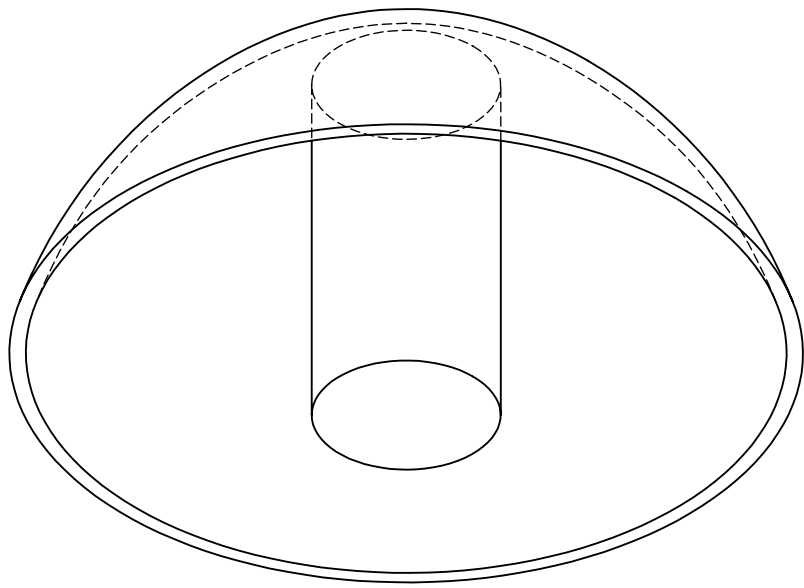
THE NOSE CONE OF THE ROTOR ACTS AS AN AERODYNAMIC FLUID DIVERSION POINT. IT STREAMLINES THE HUB AND ACTS AS A COVER FOR THE OTHERWISE EXPOSED BOLT HEADS AND INTERNAL COMPONENTS OF THE HUB ASSEMBLY. THE NOSE CONE IS PRESSED INTO THE CENTRE OF THE HUB ASSEMBLY. THE HUB CENTRE AND NOSE CONE PLUG DIAMETER ARE A SIZE ON SIZE FIT. THIS TOLERANCE PROVIDES ADEQUATE FRICTION HOLD THE CONE IN PLACE BUT ALSO ALLOWS IT TO BE REMOVED EASILY BY APPLYING LEVERAGE ON THE SHOULDER OF THE CONE.



SIDE VIEW



TOP VIEW



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UNIVERSITY OF SOUTHERN QUEENSLAN		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	KH3- 500 WIND TURBINE			
		DIMENSIONS ARE IN INCHES		DRAWN	J.KIRSCH				6/10/09
		TOLERANCES:		CHECKED					
		FRACTIONAL: ±		ENG APPR.					
		ANGULAR: MACH: ± BEND: ±		MFG APPR.			TITLE: NOSE CONE		
		TWO PLACE DECIMAL: ±							
		THREE PLACE DECIMAL: ±							
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.					
		MATERIAL		COMMENTS:			SIZE DWG. NO. REV C 4		
		FINISH							
NEXT ASSY USED ON									
APPLICATION		DO NOT SCALE DRAWING							
				SCALE: 1:2			SHEET 1 OF 1		