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INSTALLATION
DRAWING

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FIRST ANGLE
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Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
7	01/04/08 B5153	REDRAWN ON SW PREVIOUSLY ON MEDUSA		SAT
8	09/11/15	DIMENSION 'U' CALCULATION CORRECTED		SAT

GENERAL DESCRIPTION
THIS IS A 4 PISTON DIFFERENTIAL BORE CALIPER,
DESIGNED TO OPERATE ON A VENTILATED DISC
Ø280.0 (11.0") x 25.4 (1.0") THICK
STAINLESS STEEL BRIDGE PIPES AND PAD ABUTMENT
WEAR PLATES ARE FITTED AS STANDARD.
CONVENTIONAL TYPE PISTON SEALS ARE FITTED IN
THE BORES.

GENERAL APPLICATION
SINGLE SEATER FRONT/REAR

TECHNICAL & INSTALLATION INFORMATION
PISTON DIAMETER - 35.05 (1.375") LEADING
- 41.40 (1.625") TRAILING
TOTAL PISTON AREA - 46.23CM²

BODY MATERIAL ALUMINIUM ALLOY
ALL HYDRAULIC THREADS M10 x 1.0
PISTON MATERIAL ALUMINIUM ALLOY (STANDARD)

KEY TO DIMENSIONS
DIMENSION 'PL' - TOP OF PAD MATERIAL TO MOUNTING
HOLE BOSS FACE WITH PAD SITTING
DOWN ON LEDGE.

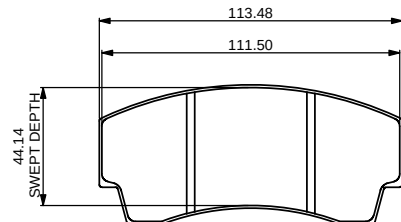
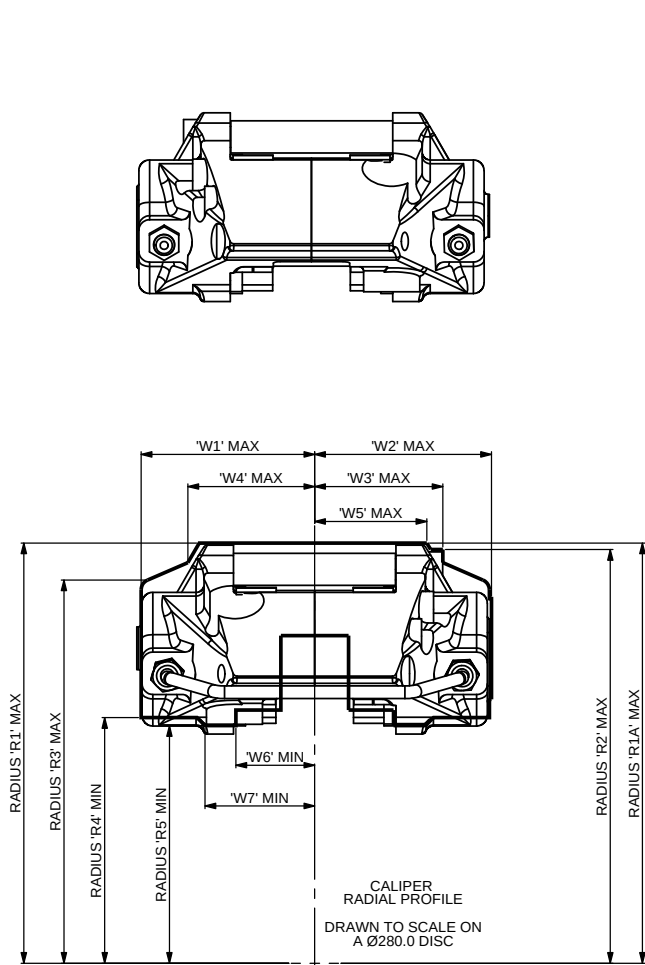
DIMENSION 'U' - WHEEL CENTRE LINE TO CALIPER
MOUNTING BOSS FACE (DISCØ/2)-'PL'

EXAMPLE CALIPER PART NUMBERS
CP4567-2S4 - RIGHT HAND TRAILING (BEHIND AXLE)
CP4567-3S4 - LEFT HAND TRAILING (BEHIND AXLE)
CP4567-4S4 - RIGHT HAND LEADING (IN FRONT OF AXLE)
CP4567-5S4 - LEFT HAND LEADING (IN FRONT OF AXLE)

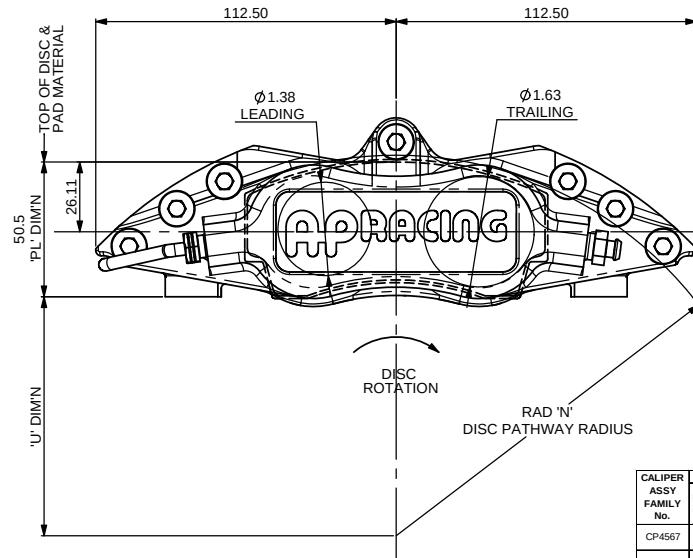
SEE SHEET 2 FOR SPARE PARTS LIST

CALIPER ASSY FAMILY No.	STROKE No				DISC Ø	DISC WIDTH DIM'N 'E'	DIM'N 'C'	DIM'N 'H'	DIM'N 'D'	DIM'N 'PL'	RAD 'N'	REMARKS & APPLICATIONS
	RHT	LFT	RHL	LHL								
CP4567	2	3	4	5	280.00	25.40	30.00	10.25 10.15	152.05 151.95	50.50	142.50	
	8	9	10	11	280.00	20.00	27.30	10.25 10.15	152.05 151.95	50.50	142.50	
	12	13	14	15	280.00	22.00	28.30	10.25 10.15	152.05 151.95	50.50	142.50	USE D51 PAD
CP4567	18	19	20	21	280.00	11.50	22.85	10.25 10.15	152.05 151.95	50.50	142.50	

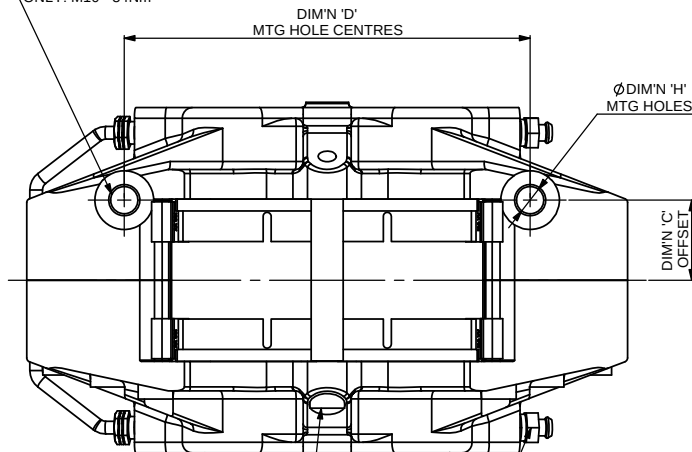
RADIAL PROFILE CHART															
	DISC Ø	EFF RAD	RAD 1	RAD1A	RAD 2	RAD 3	RAD 4	RAD 5	W1	W2	W3	W4	W5	W6	W7
CP4567- 2/3/4/5	Ø280.00 (11.02")	117.85	157.34	157.34	154.90	143.50	92.00	89.00	65.00	66.20	48.00	47.50	42.00	29.50	41.50
CP4567- 8/9/10/11	Ø280.00 (11.02")	117.85	157.34	157.34	154.90	143.50	92.00	89.00	62.30	63.50	45.30	44.80	39.30	26.80	38.80
CP4567- 12/13/14/15	Ø280.00 (11.02")	117.85	157.34	155.50	154.90	143.50	92.00	89.00	63.30	64.50	46.30	45.80	40.30	27.80	39.80
CP4567- 18/19/20/21	Ø280.00 (11.02")	117.85	157.34	155.50	154.90	143.50	92.00	89.00	58.00	58.80	42.00	40.50	35.00	23.20	35.00



CP3345 FAMILY IRON PAD
PAD AREA: 43.39CM²
PAD THICKNESS: 15.90MM



TYPICAL MTG TIGHTENING
TORQUE FOR GUIDANCE
ONLY: M10 - 54Nm



PAD RETAINER BOLT SHOULD BE TIGHTENED
TO A TORQUE OF 13.1Nm (9.7lbs ft)

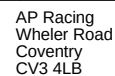
BLEED SCREW TIGHTENING
TORQUE 17.0Nm (12.5lbs ft)

SCALE 1:1		SHEET 1 OF 2	
DRAWN	Steve Thomas		
APPROVED			
DERIVED FROM			
TITLE			
DIA 1.375" / 1.625" 4 POT CALIPER INSTALLATION			
DRG NO.	CP4567-1CD		

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SCALE 1:1		SHEET 2 OF 2	
DRAWN	Steve Thomas		
APPROVED			
DERIVED FROM			
TITLE			
DIA 1.375" / 1.625" 4 POT CALIPER INSTALLATION			
DRG NO.		CP4567-1CD	

SPARE PARTS LIST						
			PART No			
REF	QTY / CALIPER	DESCRIPTION	CP4567-2/3/4/5	CP4567-8/9/10/11	CP4567-12/13/14/15	CP4567-18/19/20/21
1	2	PISTON 1.625"	CP4270-3	CP4270-3	CP4270-3	CP4270-3
2	2	PISTON 1.37"	CP3567-114	CP3567-114	CP3567-114	CP3567-114
3	1	HIGH TEMP SEAL KIT (4 SEALS)	CP4518-GK	CP4518-GK	CP4518-GK	CP4518-GK
4	1	PIPE ASSEMBLY	CP4567-6	CP4567-7	CP4567-16	cp4567-17
5	4	WEAR PLATE	CP4567-120	CP4567-120	CP4567-120	CP4567-120
6	4	PAD SUPPORT	CP4567-121	CP4567-121	CP4567-121	CP4567-121
7	8	M4 SCREW	CP3215-115	CP3215-115	CP3215-115	CP3215-115
8	1	PAD RETAINER	CP5100-116	CP4567-110	CP5100-117	CP4567-125
9	1	M8 BOLT	CP5100-120	CP5100-126	CP5100-139	CP5689-109
10	2	M10 BLEEDSCREW	CP3720-173	CP3720-173	CP3720-173	CP3720-173
11	4	AKB SPRINGS	CP2667-105	CP2667-105	CP2667-105	CP2667-105

