

B1 INSTALLATION DRAWING

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GENERAL DESCRIPTION.

A SIX PISTON, DIFFERENTIAL BORE CALIPER DESIGNED TO OPERATE ON A VENTILATED IRON DISC OF Ø390x35.6 WIDE, OR A Ø380x37 CARBON DISC.

THE CALIPER HAS SEALS IN THE MOUTH OF THE BORE.

THE CALIPER CAN ACCOMMODATE AN LVDT, WHICH DETECTS THE MOVEMENT OF AN INBOARD PISTON & SO GIVES A MEASURE OF FRICTION MATERIAL WEAR.

INSULATING CAPS CAN BE FITTED WHEN USED WITH A 35.6mm DISC AND 30mm THICK PADS - SUFFIX 'C' (REPLACING 'P') ON PART NUMBER WILL SPECIFY CAPS AS BUILT.

SEE SHEET TWO FOR DETAILS OF PART NUMBERS OF CAPS AND LVDT.

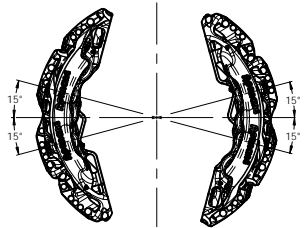
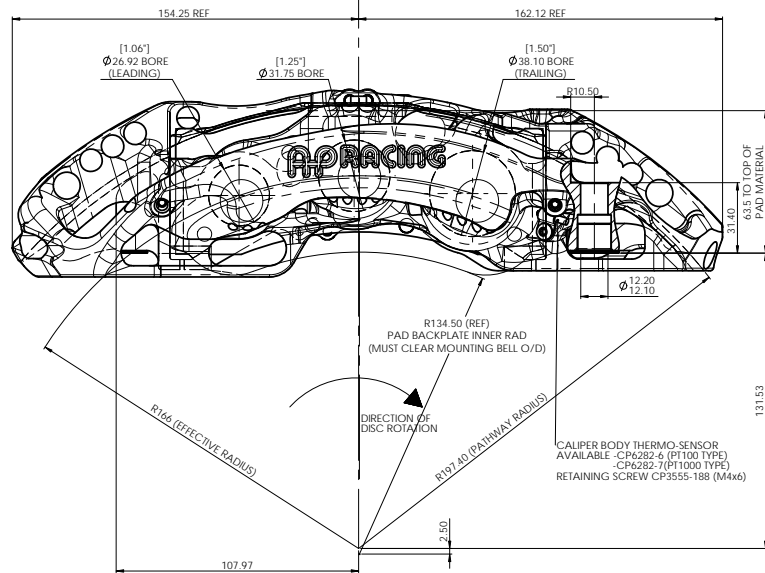
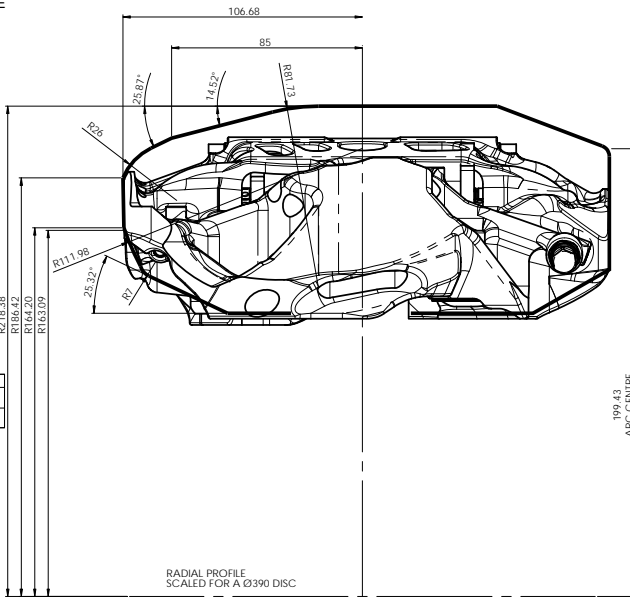
APPLICATION - GT FRONT CALIPER.

TECHNICAL & INSTALLATION DATA

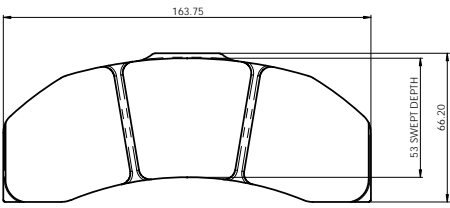
TOTAL PISTON AREA (6) - 50.1 cm²
PISTON MATERIAL - TITANIUM ALLOY
BODY MATERIAL - ALUMINIUM ALLOY.
HYDRAULIC PORT THREADS - M10x1
CALIPER WEIGHT LESS PADS - 2485g (EST. WITHOUT PISTON CAPS)
THE INCLUSION OF PAD WEAR INDICATORS ADDS APPROX. 25g.

ASSEMBLY No.	CALIPER HANDING
CP6277-2	RHT RIGHT HAND BEHIND AXLE (AS DRAWN)
CP6277-3	LHT LEFT HAND BEHIND AXLE

EXAMPLE PART # - CP6277-2S (SIDE FEED) 7 (7th AKB SPRING) M (TITANIUM PISTONS)
P (PROVISION FOR PISTON CAPS)

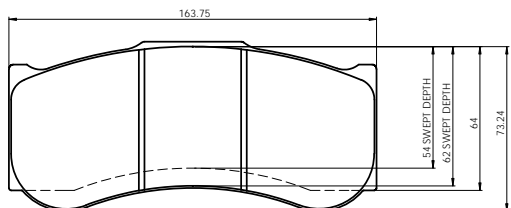


FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE LEADING OR TRAILING POSITION, BETWEEN THE ANGLES SHOWN.

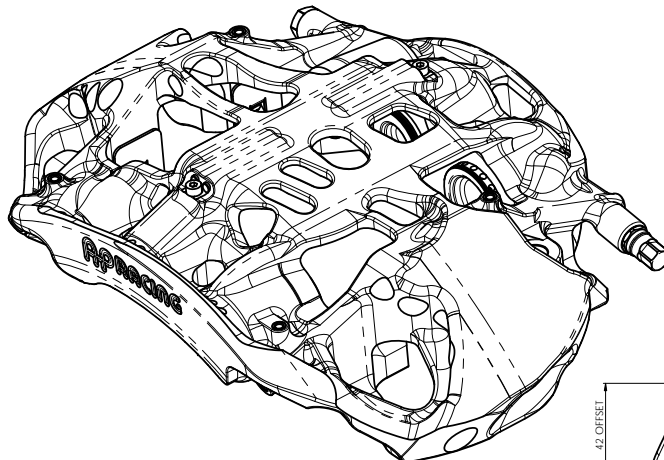


CP2872-518(S)H18 CARBON/CARBON PAD				
PART No.	THICKNESS	MATERIAL	AREA	SLOTS
CP2872-518	2mm	H18	83.30cm ²	N/A
CP2872-518S	2mm	H18	78.63cm ²	YES

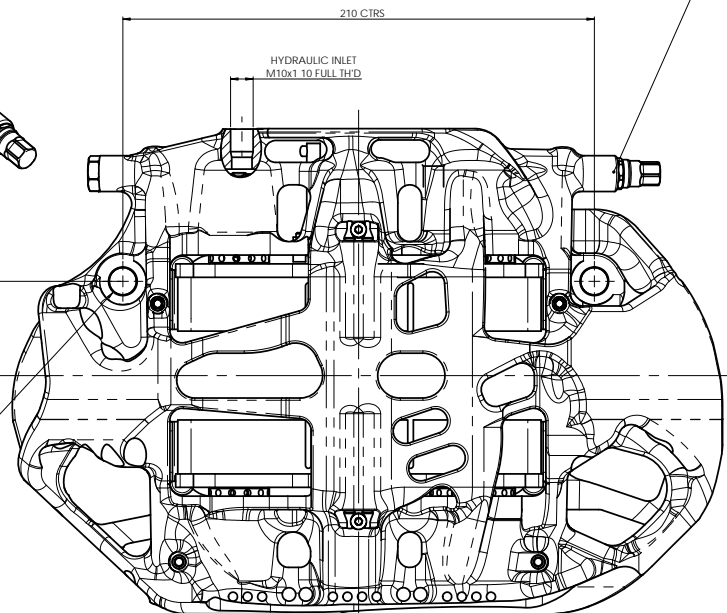
EXAMPLE PART NUMBER: CP2872-518SH18



CP6276 / CP6277 FAMILY IRON PAD
AREA: 94.72cm² (D62), 82.33cm² (D54)
THICKNESS: 32mm (CP6277), 30mm (CP6276)
EXAMPLE PART NUMBER: CP6276D62-***
WHERE *** DENOTES MATERIAL SUFFIX



TYPICAL MTG TIGHTENING TORQUE, FOR GUIDANCE ONLY: M12 - 65Nm & M10 - 54Nm



DRY BREAK TO BE USED IN CONJUNCTION WITH CP6300-21 BLEED SYSTEM FITTING. FOR FURTHER DRY BREAK INFORMATION & SPARES REFER TO CP6300-13CD INSTALLATION DRAWING.

CONFIGURATION	CAPS FITTED?	NEW DISC THICKNESS	MIN WORN DISC THICKNESS	NEW PAD THICKNESS	MIN WORN PAD THICKNESS	NEW STACK NOM	MIN WORN STACK	AVAILABLE WEAR	MAX WEAR ON WORST SIDE
35.6mm IRON DISC	NO	35.6	34.6	32	6	99.6	46.6	53	26.5
35.6mm IRON DISC	YES	35.6	34.6	30	6	95.6	46.6	49	24.5
37mm CARBON DISC	NO	37	25	27	12	91	49	42	21

Issue No.	Alterations			Zone	Initials
	Date & No.	Particulars	#		
1	03/11/15 87407	FIRST ISSUE		DW	
2	13 JAN '16 B7306_07	SHT2: PAD ABUTMENT ROD (ITEM 12) WAS CP6277-107 TUBE	2K	JT	
3	06/09/2018 87920	REMOVED REFERENCES TO PAD HW, CORRECTED PAD THICKNESS VALUES, AMENDED DRY BREAK BLEED FITTING PART NUMBER		JDD	
4	24/09/2021 B8343_01	CORRECTED RADIAL PROFILE	SM	ADB	

SCALE 1:1 SHEET 1 OF 2

DRAWN Dan Woodcock

APPROVED

DERIVED FROM #

TITLE
6 PISTON MONOBLOC
GT FRONT CALIPER

DRG NO. CP6277-10CD