

B1 INSTALLATION DRAWING

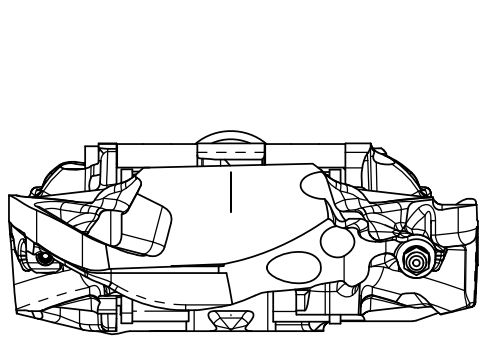
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FIRST ANGLE PROJECTION

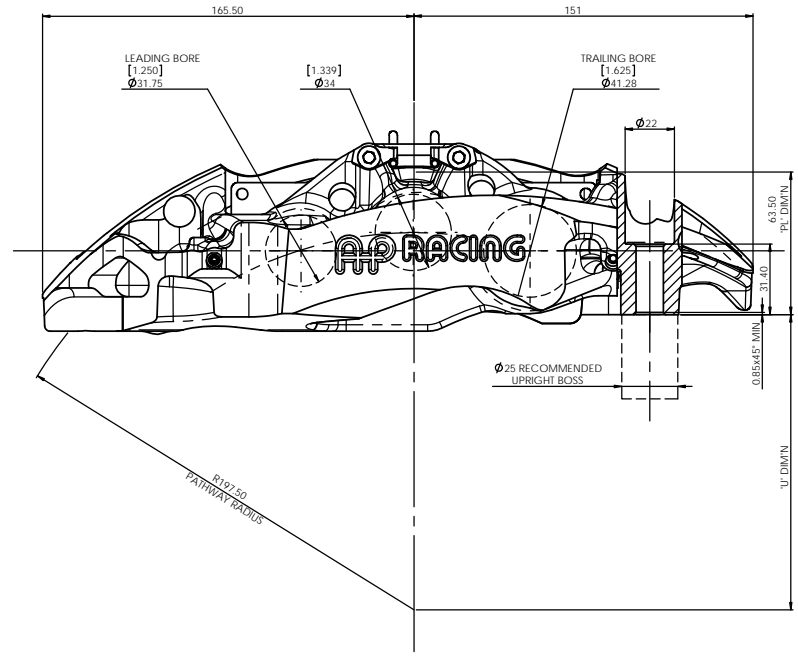
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RADIAL PROFILE SCALED FOR A Ø390 DISC



GENERAL DESCRIPTION
6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø390 x 35.6MM IRON DISC. PADS ARE RETAINED BY A BOLTED RETAINER, WITH A QUICK-RELEASE SPRING CLIP SUPPLIED FOR USE IN EVENTS WHEN FAST PAD CHANGES ARE REQUIRED.

TYPICAL APPLICATION - GT3

TECHNICAL INFORMATION & INSTALLATION DATA
TOTAL PISTON AREA (6) - 60.75cm²
PISTON MATERIAL - STAINLESS STEEL
BODY MATERIAL - ALUMINIUM ALLOY
ASSEMBLY WEIGHT LESS PADS WITH BOTH PAD RETAINERS - 3.3KG
MAX STACK = 35.56mm DISC + 2x 30mm PADS = 95.56MM
MIN STACK = 47.50mm

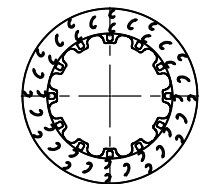
INSTALLATION INFORMATION
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm.
CALIPER TO BE MOUNTED WITHIN ±15° FROM VERTICAL.
DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOM. FROM DISC O.D. TO PATHWAY.

KEY TO DIMENSIONS
'PL' - TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE.
'U' - WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE (DISC Ø/2) - DIMENSION 'PL'.

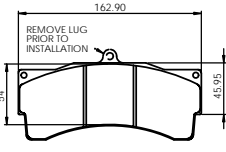
CALIPER PART NUMBERS
CP6269-25TL - RIGHT HAND TRAILING (BEHIND AXLE)
CP6269-35TL - LEFT HAND TRAILING (BEHIND AXLE)

EXAMPLE PART # - CP6269-2 S (SIDE FEED) 7 (7lb AKB SPRINGS) L (STAINLESS PISTONS).

RECOMMENDED DISC AND PAD OPTIONS AVAILABLE



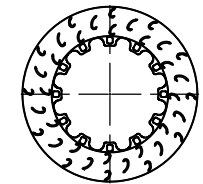
CP4284-134 RH & -135 LH VENTILATED DISC
PAD DEPTH - D54
DIAMETER - 390MM
THICKNESS - 35.56MM



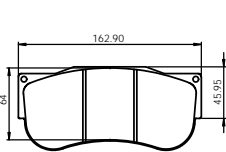
CP6210D54 FAMILY IRON PAD
PAD AREA:
SLOTTED - 81.7cm²
FULL AREA - 84.4cm²
THICKNESS - 30MM

FOR GROOVE OPTIONS AND MORE DETAILS SEE CP4284-134-5CD

D64 DISC AND PAD COMBINATION



CP4284-136 RH & -137 LH VENTILATED DISC
PAD DEPTH - D64
DIAMETER - 390MM
THICKNESS - 35.56MM

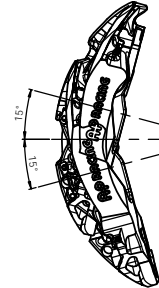


CP6210D64 FAMILY IRON PAD
PAD AREA:
SLOTTED - 90.5cm²
FULL AREA - 93.7cm²
THICKNESS - 30MM

FOR GROOVE OPTIONS AND MORE DETAILS SEE CP4284-136-7CD

OPTIMUM BLEED POSITIONING

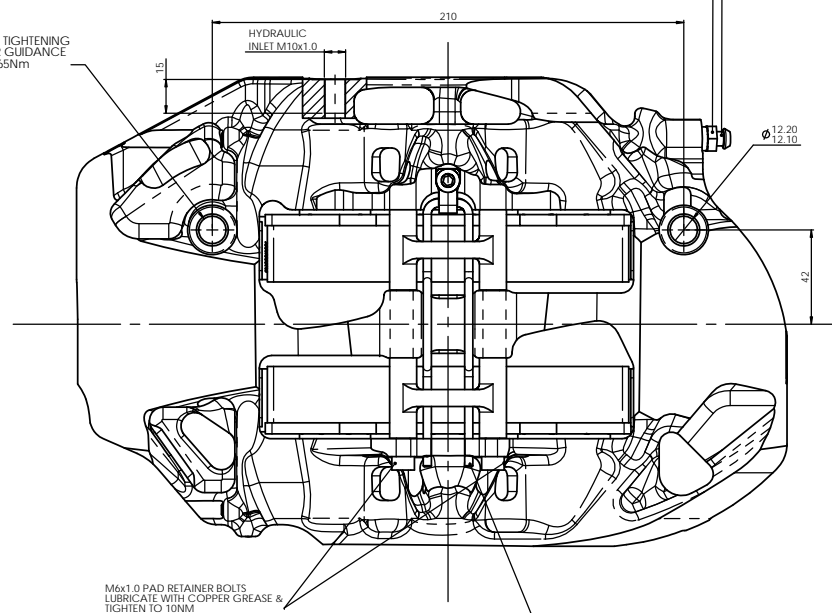
FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE TRAILING POSITION BETWEEN THE ANGLES SHOWN



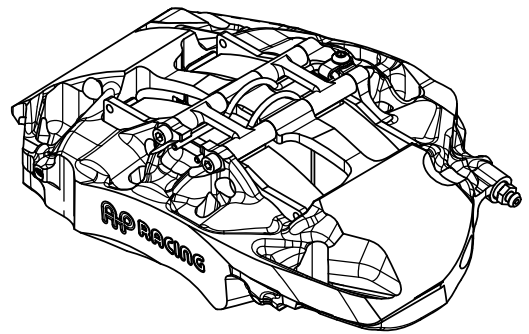
TYPICAL MTG TIGHTENING TORQUE, FOR GUIDANCE ONLY: M12 - 65Nm

BLEED SCREW CAN BE REPLACED BY DRY BLEED VALVE, PART NUMBER CP6300-21

BLEED SCREW MAX TIGHTENING TORQUE - 17Nm



NOTE: QUICK RELEASE CLIP CAN BE REMOVED WHEN USING THE BOLTED PAD RETAINERS AND CAN BE USED ON ITS OWN FOR QUICK PAD CHANGES DURING ENDURANCE RACES.



Issue No.	Alterations			Zone	Initials
	Date & No.	Particulars	#		
1	25/02/14 B0719	FIRST ISSUE		#	SAT
2	04/08/14 B7068	D64 PAD OPTION ADDED		#	NJS
3	09/03/15 RAC22152	MAX / MIN STACK ADDED		#	NJS

SCALE 1:1 SHEET 1 OF 2

DRAWN Steve Thomas

APPROVED

DERIVED FROM

TITLE
GT3 6 POT
BRAKE CALIPER

DRG NO. CP6269-1CD

B1 INSTALLATION DRAWING

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FIRST ANGLE PROJECTION

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Issue No	Alterations		
	Date & No.	Particulars	Zone / Initials
1	26/09/14 B7068	FIRST ISSUE	CH
2	06/03/15 RAC22152	MAX / MIN STACK ADDED	NJS

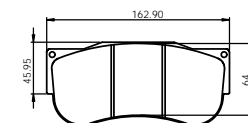
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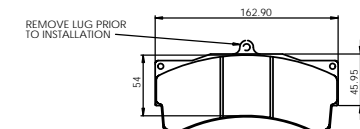
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KEY TO DIMENSIONS
'PL': TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE
'U': WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE (DISC Ø/2)-DIMENSION 'PL'
'PL'-DIMENSION 'PL'

CALIPER PART NUMBERS
CP6269-457L - RIGHT HAND LEADING (AHEAD OF AXLE)
CP6269-557L - LEFT HAND LEADING (AHEAD AXLE)
EXAMPLE PART # - CP6269-2 S (SIDE FEED) 7 (7lb AKB SPRINGS) L (STAINLESS PISTONS).

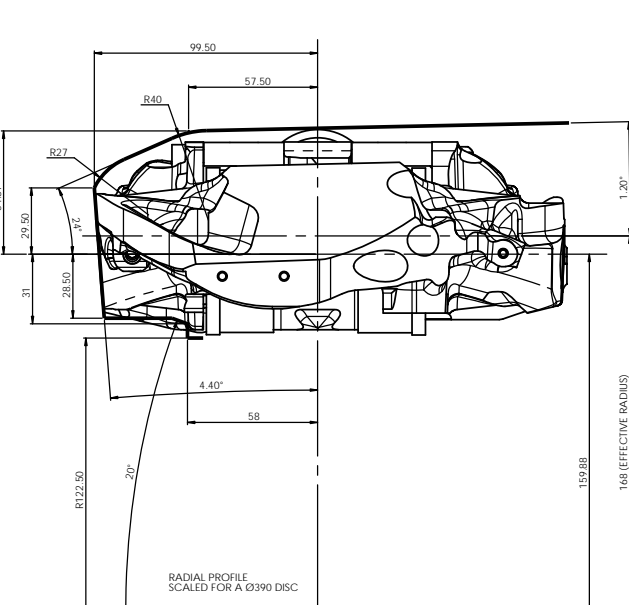
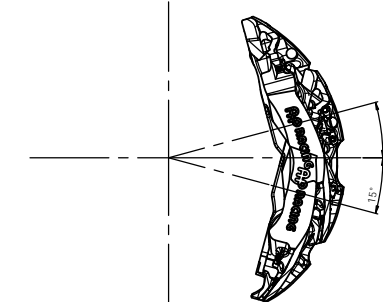


CP6210D64 FAMILY IRON PAD
PAD AREA - 90.54cm²
SLOTTED - 90.54cm²
THICKNESS - 30MM

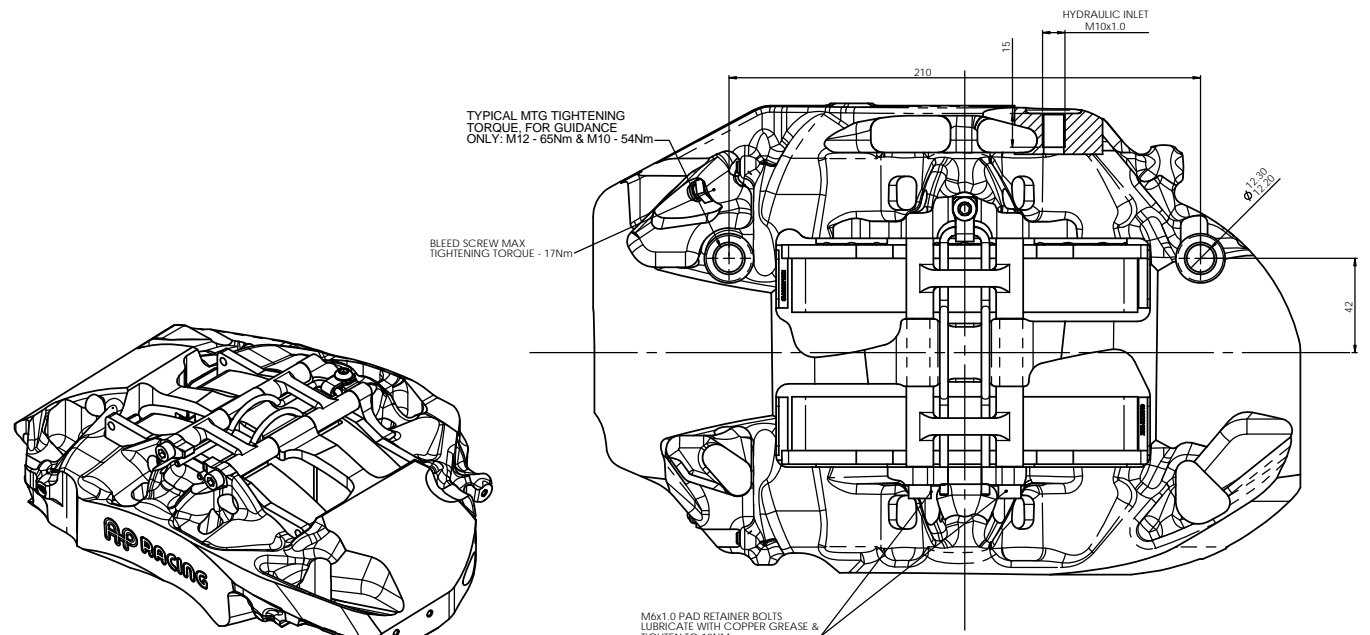
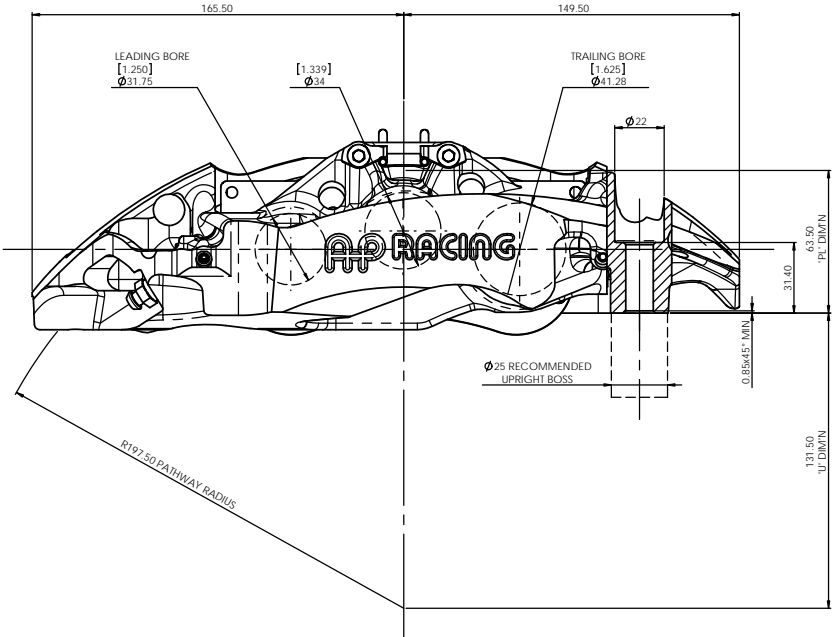


CP6210D54 FAMILY IRON PAD
PAD AREA - 81.7cm²
SLOTTED - 81.7cm²
FULL AREA - 84.4cm²
THICKNESS - 30MM

OPTIMUM BLEED POSITIONING
FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE LEADING POSITION BETWEEN THE ANGLES SHOWN



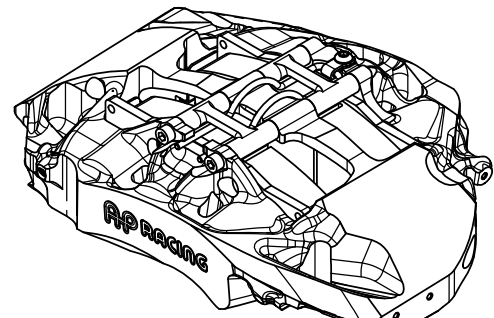
RADIAL PROFILE
SCALED FOR A Ø390 DISC



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

BLEED SCREW MAX TIGHTENING TORQUE - 17Nm

M6x1.0 PAD RETAINER BOLTS LUBRICATE WITH COPPER GREASE & TIGHTEN TO 10NM



SCALE 1:1	SHEET 1 OF 2
DRAWN	Connor Homeyard
APPROVED	
DERIVED FROM	
TITLE GT3 6 POT BRAKE CALIPER	
DRG NO.	CP6269-8CD

