

B1 INSTALLATION DRAWING

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CP7269-2 / 3S7L SPECIFICATION

GENERAL DESCRIPTION
 6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø390x36mm IRON DISC WITH A FIXED BRIDGE DESIGN.

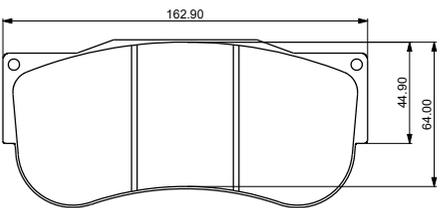
TYPICAL APPLICATION - GT

CALIPER SPECIFICATION	
BORE SIZE	CEJ (27.00 x 31.75 x 38.10) (1.063" x 1.25" x 1.50")
PISTON AREA (TOTAL)	50.08cm ²
DISC DIAMETER MAX	390.00
DISC THICKNESS MAX	36.00
DISC THICKNESS MIN (WORN CONDITION)	34.50 (DIFFERENTIAL WEAR NOT TO EXCEED 0.5mm SIDE TO SIDE)
PAD FAMILY	CP6210 D64
PAD THICKNESS MAX	30.00
PAD THICKNESS MIN	6.00
MIN STACK	46.50
HYDRAULIC FEED	M10x1.0 15.0 THREAD DEPTH
DUCTING MOUNTS	M4x0.70 8.0 THREAD DEPTH
SCRAPER MOUNTS	M4x0.70 8.0 THREAD DEPTH
DRY WEIGHT (WITHOUT PADS)	3.03kg
EFFECTIVE RADIUS (ON Ø390 DISC)	164.00
'PL' DIMENSION (TOP OF PAD FRICTION MATERIAL TO CALIPER MOUNTING FACE)	63.50
'C' DIMENSION (CALIPER OFFSET)	42.00
'U' DIMENSION (UPRIGHT MOUNTING)	131.5 U = (DISC Ø/2) - PL
TIGHTENING TORQUES	BLEED SCREW: 17Nm PAD LEDGE SCREWS: 4Nm TYPICAL M12 MOUNTING BOLT: 65Nm (GUIDANCE ONLY)

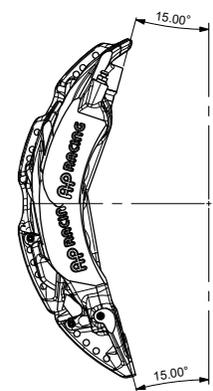
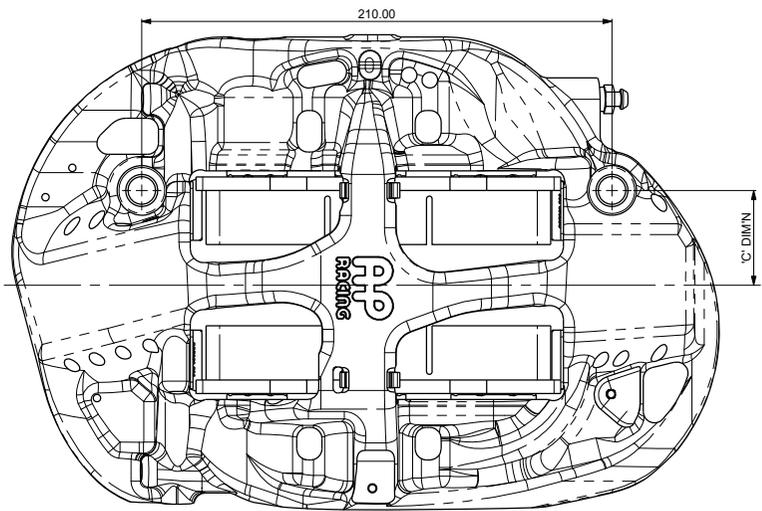
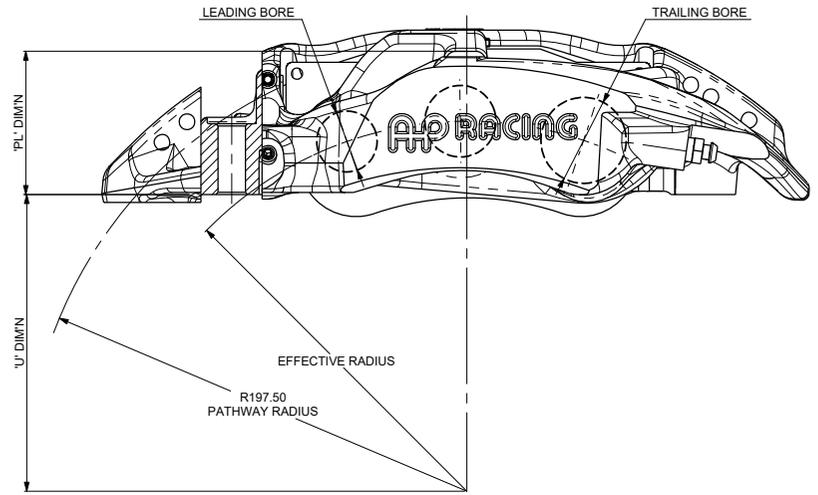
CALIPER POSITIONING	
RHT	RIGHT HAND TRAILING (BEHIND AXLE)
LHT	LEFT HAND TRAILING (BEHIND AXLE)

PART NUMBERING CONVENTION	
PART NUMBER	DESCRIPTION
CP7269-2S7L	RHT - SIDE FEED - 7lb AKB SPRING - STAINLESS PISTONS
CP7269-3S7L	LHT - SIDE FEED - 7lb AKB SPRING - STAINLESS PISTONS

INSTALLATION INFORMATION
 THE CALIPER IS DESIGNED SO THAT THE DISC WILL BE MOUNTED CENTRALLY WITHIN A TOLERANCE OF ±0.50mm.
 THE CALIPER IS TO BE MOUNTED IN THE TRAILING POSITION ONLY, ±15° FROM THE VERTICAL.
 THE DIAMETRICAL CLEARANCE BETWEEN THE DISC OUTSIDE DIAMETER AND THE PATHWAY SHOULD BE 2.50mm NOMINALLY.



CP6210D64 IRON PAD	
PAD AREA	SLOTTED - 90.5cm ² FULL AREA - 93.7cm ²



OPTIMUM BLEED POSITION
 FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE TRAILING POSITION ±15° FROM THE VERTICAL AS SHOWN.

REV	Alterations			Zone	Initials
	Date & No.	Particulars	#		
01	14/05/19 B7824	FIRST ISSUE			THS
02	23/05/19 B7824_04	SHEET 1 MIN STACK UPDATED GUIDANCE MTG BOLT TIGHTENING TORQUE ADDED SHEET 3 COATED ADDED TO PISTON DESCRIPTION			THS
03	10/02/2020 B7824_13	SHEET 1 AND 2 HYDRAULIC INLET TORQUE WAS 25Nm NOW 15Nm AND REMOVED FROM TABLE AND ADDED AS A NOTE ON SHEET 2.			THS
04	14/12/2020 B7824_17	SHEET 3 C-BORE PISTON NOW CP7269-208 D-BORE PISTON NOW CP6269-130 J-BORE PISTON NOW CP7269-209			THS
05	16/08/2021 B8318_02	SHEET 1.3 CP7269-12/23 CALIPER BODY REPLACED WITH CP7269-12/23			GN

SCALE 1:1	SHEET 1 OF 3
DRAWN	T HARGRAVE-SMITH
APPROVED	
DERIVED FROM	
TITLE 6 PISTON GT BRAKE CALIPER Ø390 x 36 DISC & D64 PAD	
DRG NO.	CP7269-1CD

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FIRST ANGLE PROJECTION

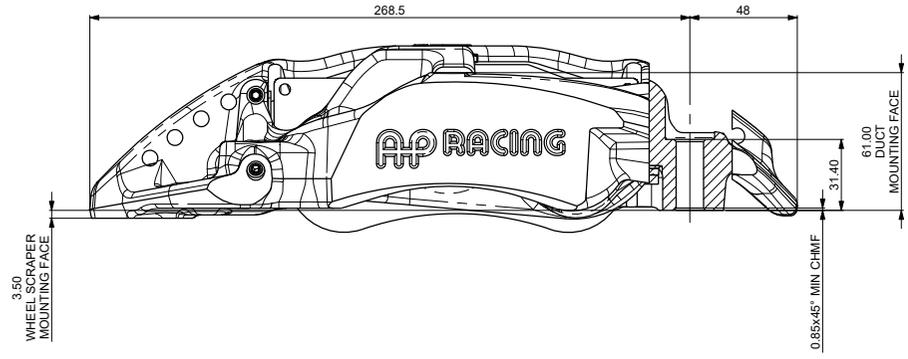
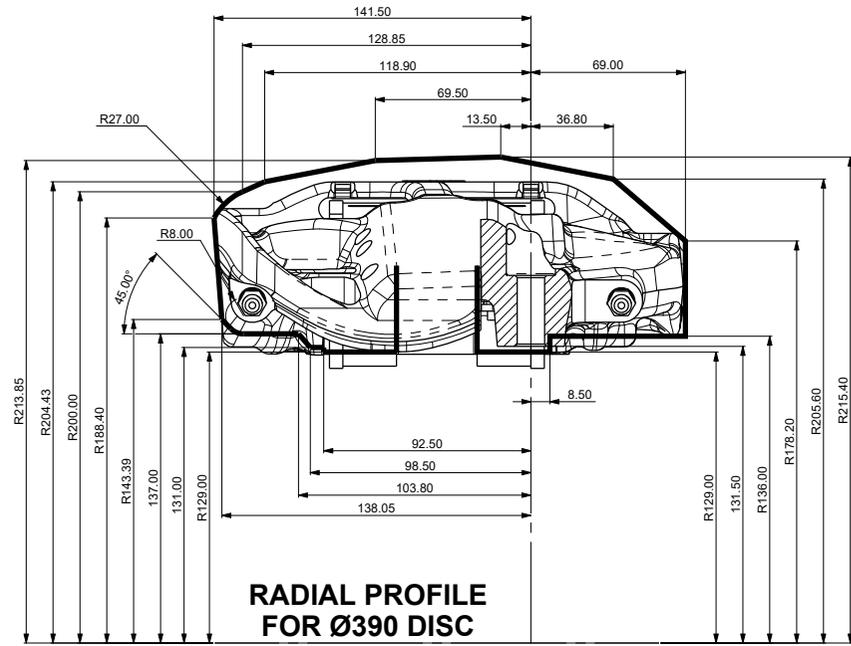
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Issue No.	Alterations		
	Date & No.	Particulars	Zone / Initials
-	-	SEE SHEET1 FOR ISSUE INFORMATION.	-

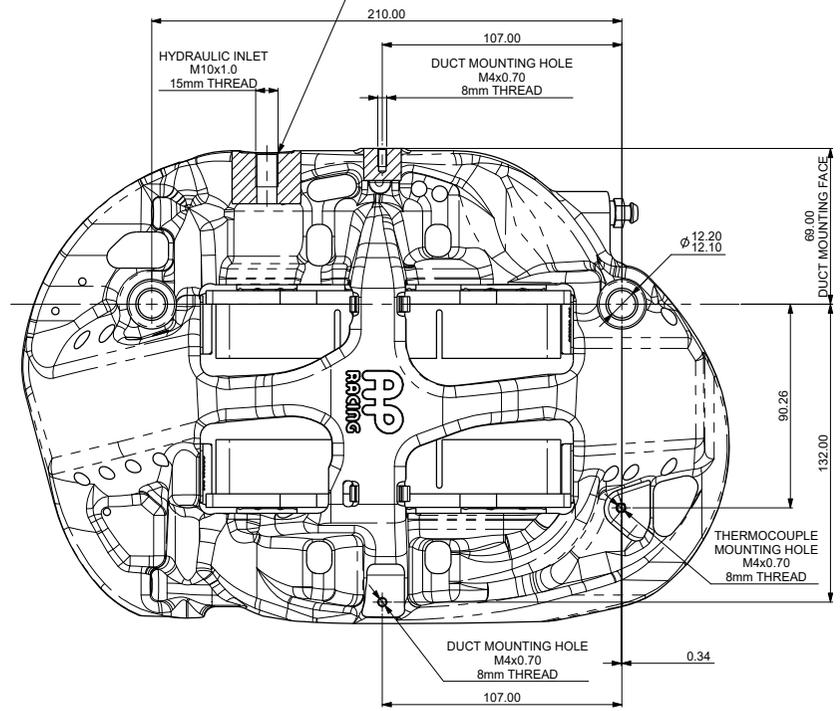
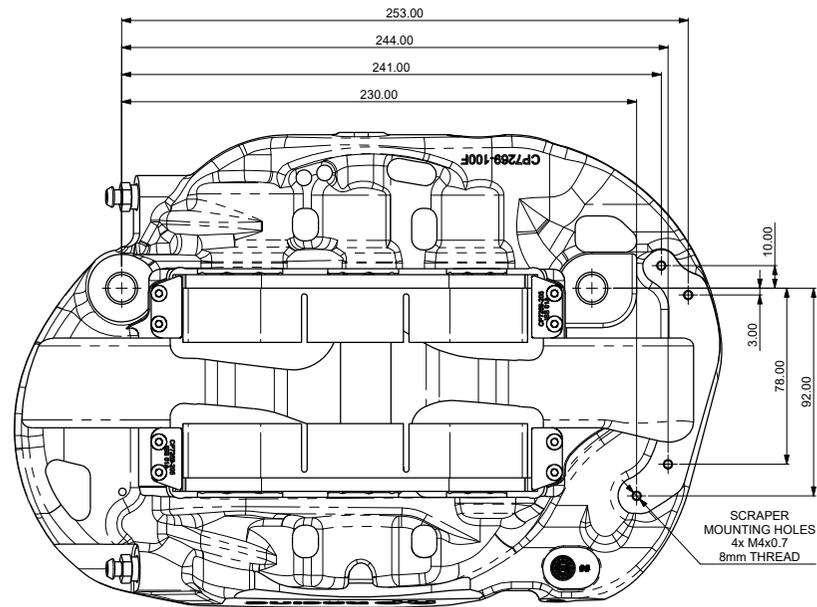
INSTALLATION DIMENSIONS



HYDRAULIC INLET
TYPICAL TIGHTENING TORQUE:

- FITTING WITH ONE COPPER GASKET: - 13Nm + 45 °
- FITTING WITH TWO COPPER GASKETS: - 13Nm + 90 °

RESULTING MAX TORQUE MUST NOT EXCEED 30NM



SCALE 1:1	SHEET 2 OF 3
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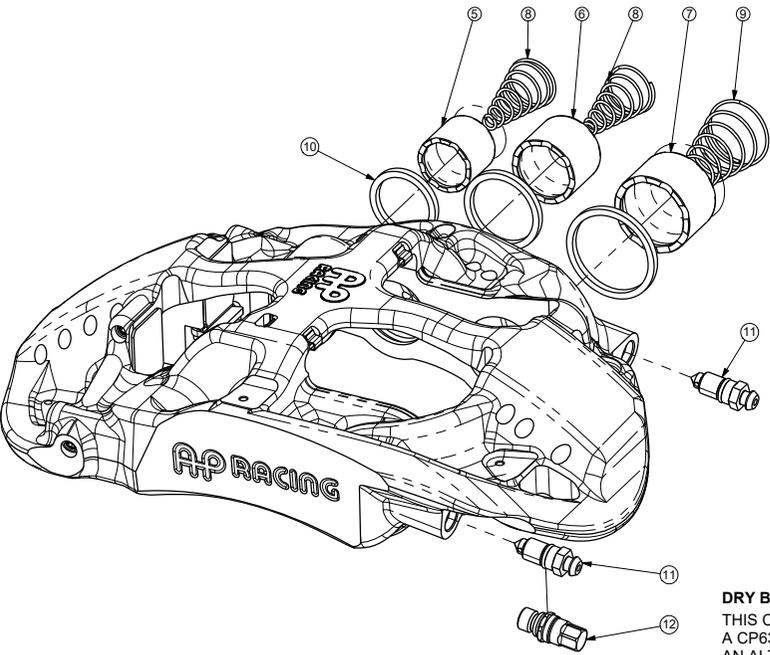
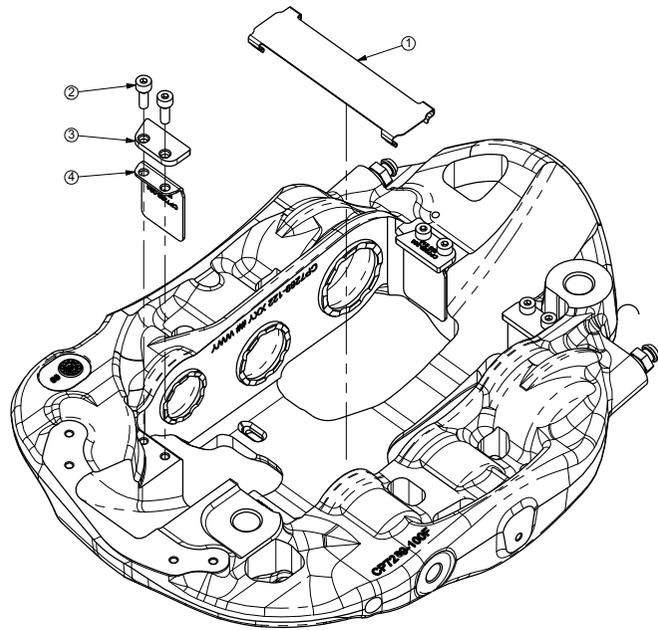
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Alterations
 Date & No. Particulars Zone Initials

SEE SHEET 1 FOR ISSUE INFORMATION.

SPARE PARTS AND KITS

CP7269-2 / 3S7L SPARES



REF	DESCRIPTION	PART NUMBER	QTY PER ASSEMBLY	FITTING INSTRUCTIONS
1	BRIDGE WEAR PLATE	CP7269-203	1	
2	M4x0.7 SOCKET HEAD CAP SCREW	CP3215-115	8	APPLY A 1-2mm DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING.
3	PAD SUPPORT	CP7269-205	4	TIGHTENING TORQUE - 4Nm ENSURE THE FLAT SIDE OF THE PAD SUPPORT LINES UP WITH THE DISC PATHWAY AS SHOWN.
4	PAD ABUTMENT PLATE	CP7269-204	4	
5	Ø27.00 [1.063"] SST PISTON (C-BORE)	CP7269-208	2	
6	Ø31.75 [1.25"] SST PISTON (E-BORE)	CP6269-130	2	
7	Ø38.10 [1.50"] SST PISTON (J-BORE)	CP7269-209	2	
8	7lb ANTI-KNOCKBACK SPRING	CP4100-121	4	
9	7lb ANTI-KNOCKBACK SPRING	CP2667-113	2	
10	SEAL KIT (6 SEALS)	CP8518-CEJ	1	REFER TO PUBLICATION REF: P14.290 & P14.220
11	BLEED SCREW KIT	CP3880-1	2	APPLY A SMALL AMOUNT OF LOCTITE 270 TO THE THE THREADS BEFORE FITTING. TIGHTENING TORQUE - 17Nm

OPTIONAL EXTRAS

12	DRY BLEED VALVE	CP6300-21	2	APPLY A SMALL AMOUNT OF LOCTITE 270 TO THE VALVE THREADS BEFORE FITTING VALVE TIGHTENING TORQUE - 13Nm CAP TIGHTENING TORQUE - 4Nm
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DRY BLEED VALVE 12
 THIS CALIPER CAN BE FITTED WITH A CP6300-21 DRY BLEED VALVE AS AN ALTERNATIVE TO THE TRADITIONAL BLEED SCREW.

SCALE 1:1 SHEET 3 OF 3

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6 PISTON GT BRAKE CALIPER
 Ø390 x 36 DISC & D64 PAD

DRG NO. CP7269-1CD