B1 INSTALLATION DRAWING

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CP8269-36 / 37S7LP SPECIFICATION

GENERAL DESCRIPTION

6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø395x38-40mm IRON DISC WITH A FIXED BRIDGE DESIGN.

TYPICAL APPLICATION - GT

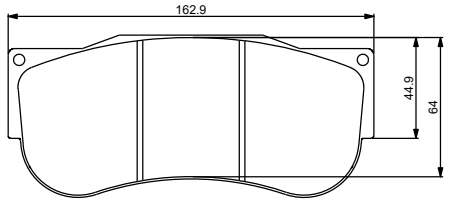
CALIPER SPECIFICATION	CP8269-36/37S7LP
BORE SIZE	EFK (31.75 x 33.80 x 41.28) (1.250" x 1.331" x 1.625")
PISTON AREA (TOTAL)	60.75cm²
DISC DIAMETER MAX	395.00
DISC THICKNESS	38-40.00
DISC THICKNESS MIN (WORN CONDITION)	37.00 (DIFFERENTIAL WEAR NOT TO EXCEED 0.5mm SIDE TO SIDE)
PAD FAMILY	CP6210 D64
PAD THICKNESS MIN	6.00
MIN STACK	49.00
HYDRAULIC FEED	M10x1.0 15.0 THREAD DEPTH
DUCTING MOUNTS	M4x0.70 8.0 THREAD DEPTH
SCRAPER MOUNTS	M4x0.70 10.0 THREAD DEPTH
DRY WEIGHT (WITHOUT PADS)	3.57kg
EFFECTIVE RADIUS (ON Ø395 DISC)	165.50
'PL' DIMENSION (TOP OF PAD FRICTION MATERIAL TO CALIPER MOUNTING FACE)	63.50
'C' DIMENSION (CALIPER OFFSET)	42.00
'U' DIMENSION (UPRIGHT MOUNTING)	134.00 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)

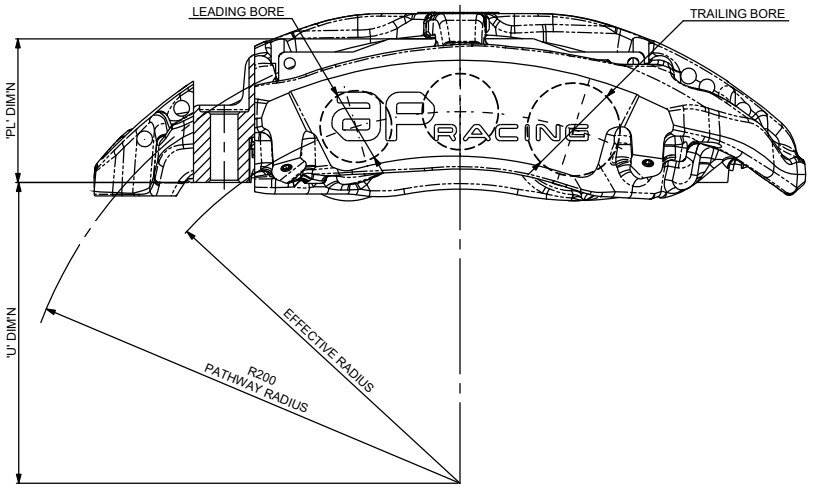
PART NUMBERING CONVENTION	
PART NUMBER	**DESCRIPTION**
CP8269-36S7LP	RHT - SIDE FEED - 7lb AKB SPRING - S/S PISTONS - 38-40mm DISC
CP8269-37S7LP	LHT - SIDE FEED - 7lb AKB SPRING - S/S PISTONS - 38-40mm DISC

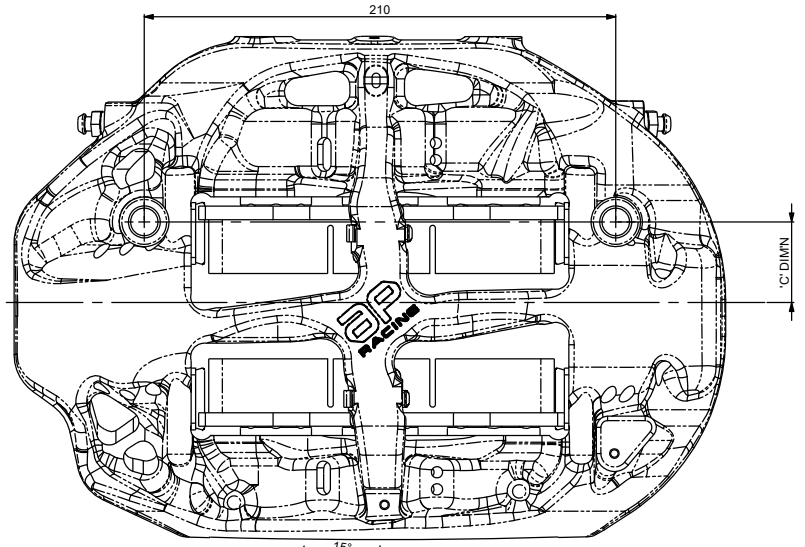
INSTALLATION INFORMATION

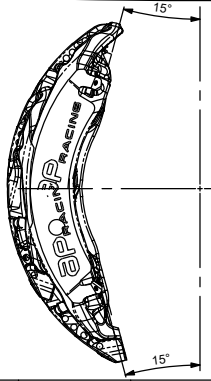
THE CALIPER IS DESIGNED SO THAT THE DISC WILL BE MOUNTED CENTRALLY WITHIN A TOLERANCE OF ±0.50mm.
THE CALIPER IS TO BE MOUNTED IN THE TRAILING POSITION ONLY, ±15° FROM THE VERTICAL.
THE DIAMETRICAL CLEARANCE BETWEEN THE DISC OUTSIDE DIAMETER AND THE PATHWAY SHOULD BE 2.50mm NOMINALLY.



CP6210D64 IRON PAD	
PAD AREA	SLOTTED - 90.5cm²
	FULL AREA - 93.7cm²







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

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Issue No	Alterations: Date & No.	Alterations: Particulars	Zone	Initials
01	24/07/26 WF-003270_08	FIRST ISSUE		JMH

SCALE 1:1 | SHEET 1 OF 3

DRAWN J HALLAM
APPROVED
DERIVED FROM

TITLE
6 PISTON GT BRAKE CALIPER
Ø395 x 38-40 DISC & D64 PAD

DRG NO. CP8269-30CD

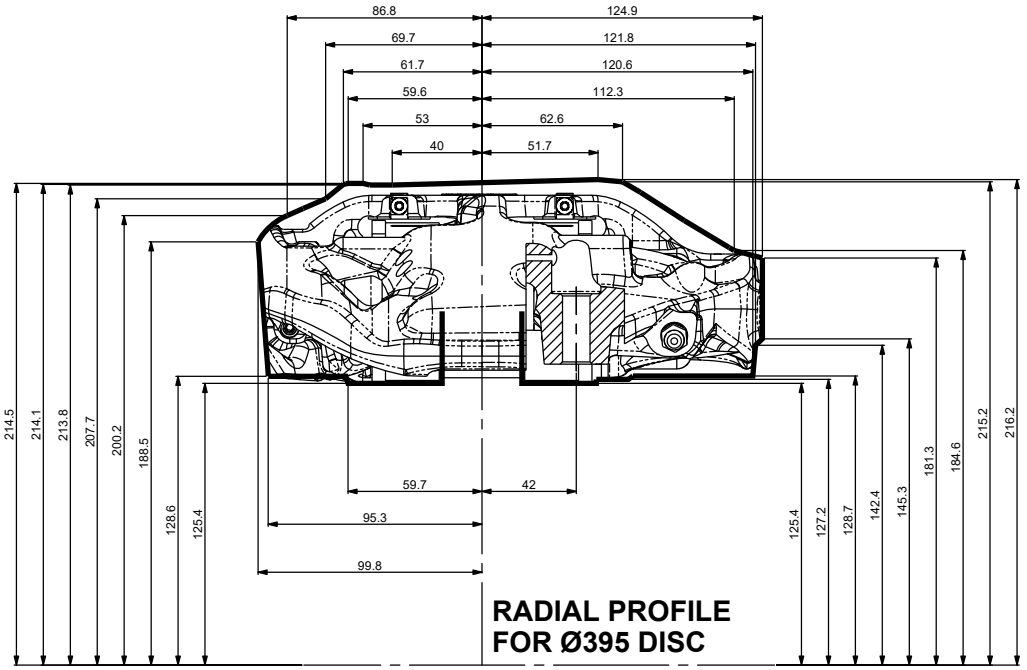
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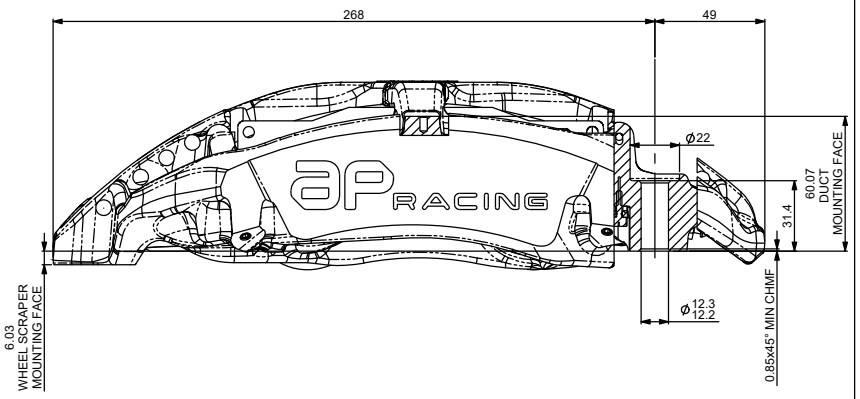
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INSTALLATION DIMENSIONS



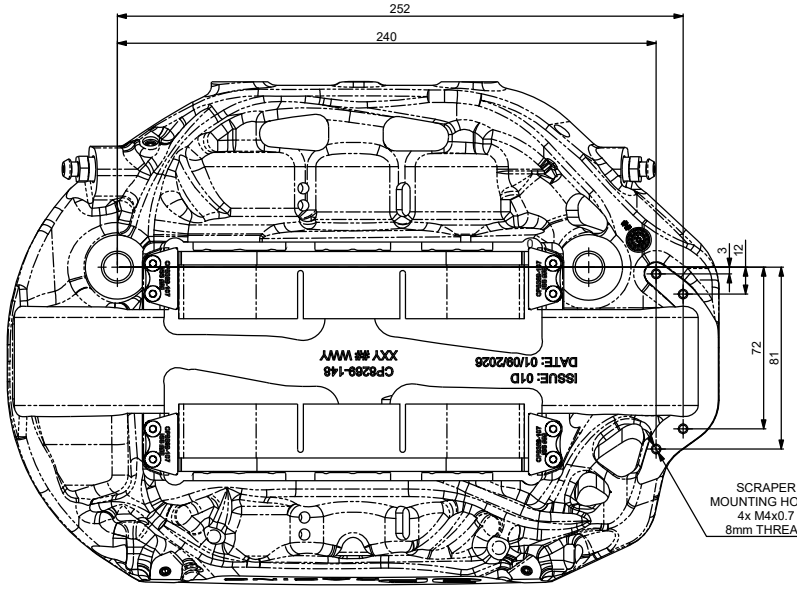
RADIAL PROFILE FOR Ø395 DISC

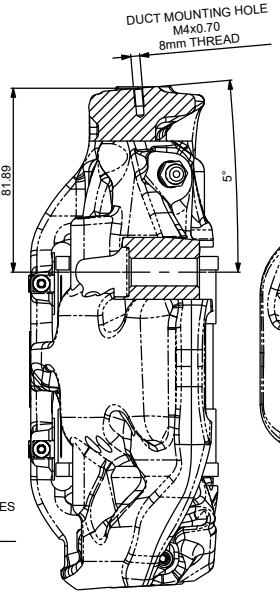


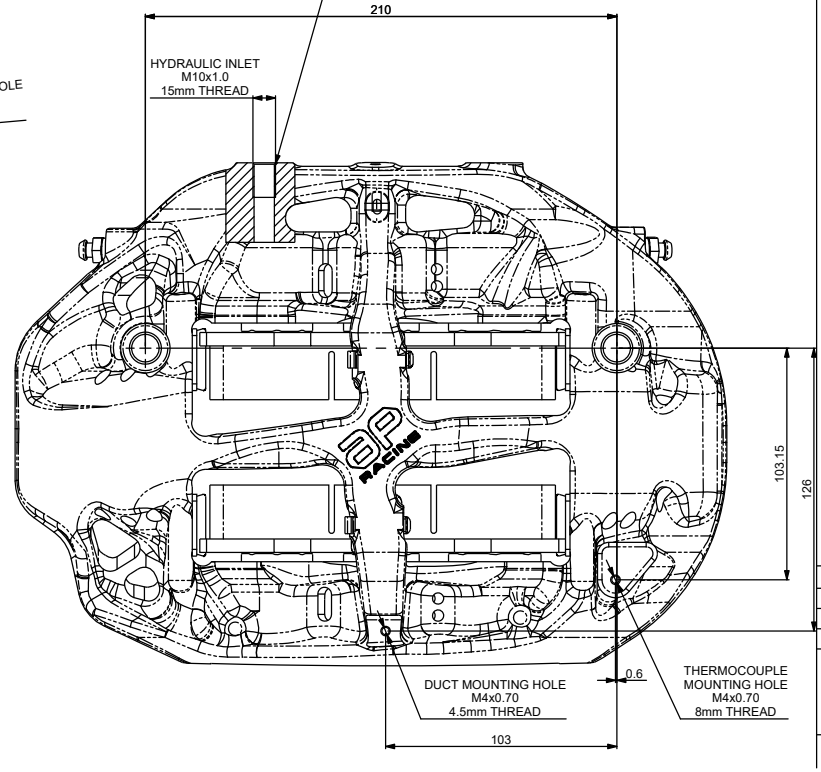
HYDRAULIC INLET
TYPICAL TIGHTENING TORQUE:

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

RESULTING MAX TORQUE MUST NOT EXCEED 30NM







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

SCALE 1:1	SHEET 2 OF 3
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TITLE

6 PISTON GT BRAKE CALIPER

Ø395 x 38-40 DISC & D64 PAD

DRG NO. CP8269-30CD

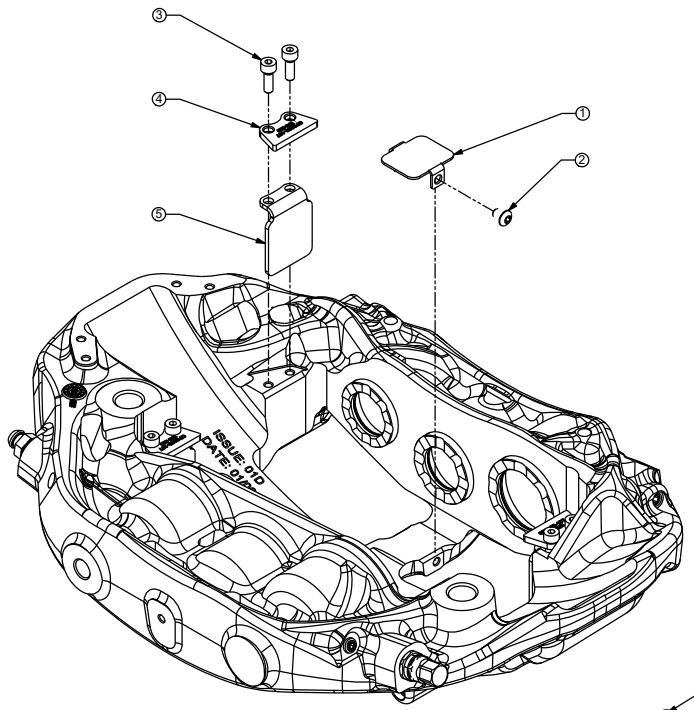
B1 INSTALLATION DRAWING

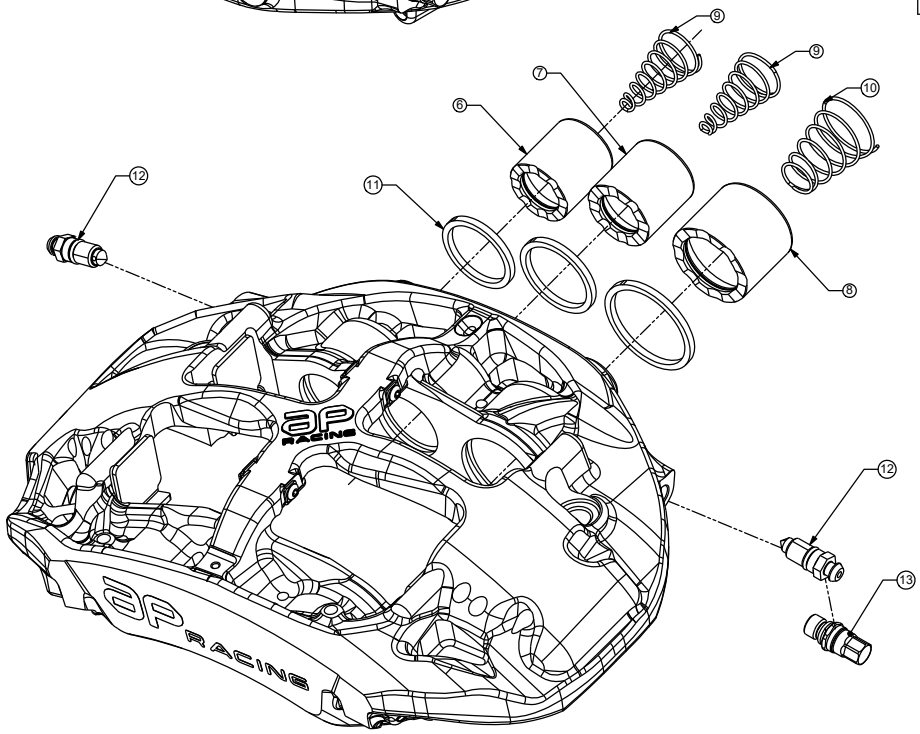
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SPARE PARTS AND KITS





CP8269-36 / 37S7LP SPARES

REF	DESCRIPTION	PART NUMBER	QTY PER ASSEMBLY	FITTING INSTRUCTIONS
1	BRIDGE WEAR PLATE	CP8369-106	2	
2	M4x0.7 BUTTON HEAD SCREW	CP3355-114	F	
3	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. TIGHTENING TORQUE - 4Nm
4	PAD SUPPORT	CP8369-107	4	
5	PAD ABUTMENT PLATE	CP8369-108	4	
6	Ø31.75 [1.25"] S/S PISTON (E-BORE)	CP8269-139	2	
7	Ø33.80 [1.331"] S/S PISTON (F-BORE)	CP8269-140	2	
8	Ø41.28 [1.625"] S/S PISTON (K-BORE)	CP8269-141	2	
9	7lb ANTI-KNOCKBACK SPRING	CP4100-121	4	
10	7lb ANTI-KNOCKBACK SPRING	CP2667-113	2	
11	SEAL KIT (6 SEALS)	CP8518-EFK	1	REFER TO PUBLICATION REF: P14.290 & P14.220
12	BLEED SCREW KIT	CP3880-1	2	APPLY A SMALL AMOUNT OF LOCTITE 270 TO THE THREADS BEFORE FITTING. TIGHTENING TORQUE - 17Nm

OPTIONAL EXTRAS

13	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
14	PISTON CAP KIT - 5MM***	CP8269-44	1	
15	PISTON CAP KIT - 10MM***	CP8269-45	1	

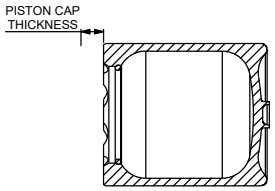
*****PISTON CAP KITS*****

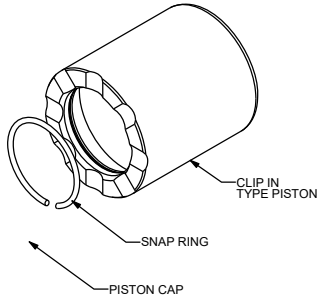
WHEN STACKS ARE WORN, IT IS NOT ESSENTIAL TO RUN PISTON CAP KITS HOWEVER THEY MINIMISE FLUID WITHIN THE CALIPER THUS NOT COMPROMISING CALIPER COMPLIANCE. THIS CAN GIVE THE DRIVER MORE CONFIDENCE WHEN RUNNING THE CAR WITH WORN STACKS.

CAPS SHOULD BE SELECTED ACCORDING TO THE CURRENT INSTALLED STACK WEAR, FOR EXAMPLE, THE 5MM CAP KIT CAN BE INSTALLED WHEN THE STACK HAS WORN BY AT LEAST 5MM.

STANDARD AVAILABLE CAP SIZES ARE AVAILABLE AT 5MM OR 10MM, OTHER SIZES AVAILABLE UPON REQUEST

KIT INCLUDES 6X CAPS SIZED FOR EFK BORES AND 6X SNAP RINGS





DRY BLEED VALVE (13)

THIS CALIPER CAN BE FITTED WITH A CP6300-21 DRY BLEED VALVE AS AN ALTERNATIVE TO THE TRADITIONAL BLEED SCREW.

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SCALE 1:1	SHEET 3 OF 3
DRAWN	J HALLAM
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TITLE
CALIPER ASSEMBLY

DRG NO. CP8269-30CD