

A0 INSTALLATION DRAWING

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GENERAL DESCRIPTION

THIS IS A 2-POT CALIPER DESIGNED TO OPERATE ON A IRON DISC OF UP TO DIA 258.20MM X 20MM THICK. ALL CALIPERS ARE FITTED WITH STAINLESS STEEL BRIDGE PIPES AS STANDARD. THIS CALIPER IS FITTED WITH DUST SEALS IN THE BORES.

APPLICATION

FIA FORMULA FOUR SINGLE SEATER CARS

TECHNICAL INFORMATION

PISTON DIA : 2 X 44.5MM
 TOTAL PISTON AREA :31.11CM2
 PISTON MATERIAL - ALUMINIUM ALLOY
 BODY MATERIAL - ALUMINIUM ALLOY
 ALL HYDRAULIC THREADS M10 X 1.0
 WEIGHT LESS PADS: 1.6kg

INSTALLATION INFORMATION

DISC AND CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IN CENTRAL TO THE CALIPER TO WITHIN ±0.5MM. CALIPER TO BE MOUNTED WITHIN ±15° FROM VERTICAL. DISC CLEARANCE SHOULD BE 2.5MM NOM. FROM DISC O.D. TO PATHWAY.

KEY TO DIMENSIONS

DIMENSION 'PL' TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON PAD PINS. DIMENSION 'U' WHEEL CENTRE TO CALIPER MOUNTING BOSS FACE (DISC DIAMETER/2 - 'PL' DIMENSION).

HANDING NOTE

RH AS SHOWN LH OPPOSITE

DISC WEAR NOTE

CALIPER DESIGNED TO OPERATE WITH MIN. DISC THICKNESS OF 18.80mm (ASSUMING WEAR DIFFERENTIAL FROM INBOARD AND OUTBOARD FACE NOT EXCEEDING 0.5mm)

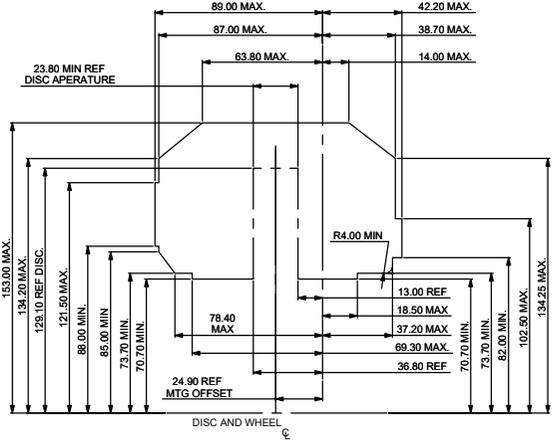
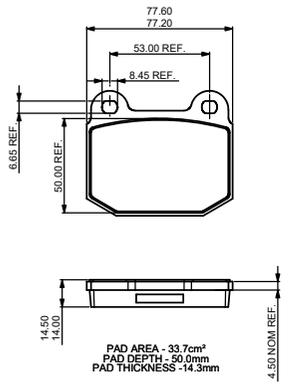
ELVD NOTE

ALL MATERIALS AND COATINGS COMPLY WITH E.U. DIRECTIVE 2000/53/EC

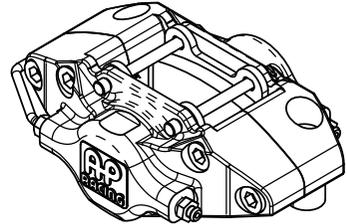
AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION

Part Number Cross-reference	
AP Racing Part Number	Description
CP5119-64S0.F4	RIGHT HAND TRAILING OR LEFT HAND LEADING
CP5119-65S0.F4	LEFT HAND TRAILING OR RIGHT HAND LEADING

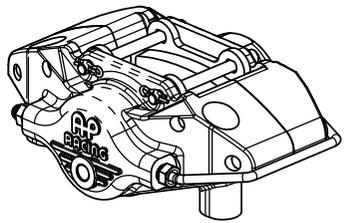
CP5119 PAD FAMILY



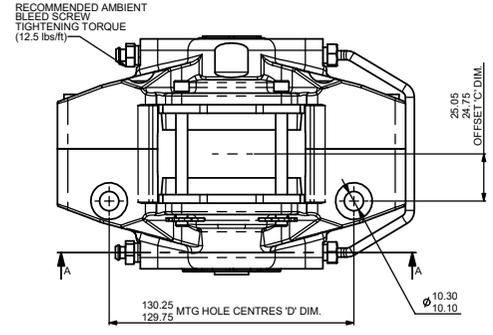
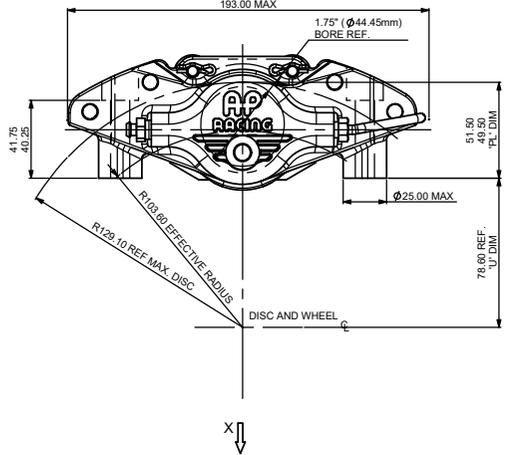
DRAWN TO SCALE 1:1



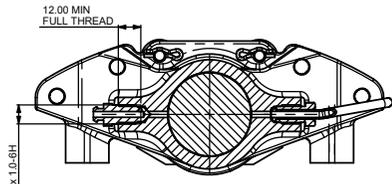
LEFT-HAND TRAILING (LHT) CALIPER ASSEMBLY
 CP5119-65S0.F4



RIGHT-HAND TRAILING (RHT) CALIPER ASSEMBLY
 CP5119-64S0.F4



VIEW ON ARROW 'X'



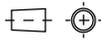
SECTION A-A

Alterations			
No	Date & No.	Particulars	Drawn
1	0690 18/03/14	FIRST ISSUE	JN
2	07275 01/04/15	RADIAL PROFILE UPDATED. WHEEL CLEARANCE CUT ADDED TO CALIPER.	CD
3	18/07/2015	PAD RETAINER UPDATED. PART NUMBERS CORRECTED.	CD

SCALE 1:1 SHEET 1 OF 2
 DRAWN James Nurse
 APPROVED
 DERIVED FROM CP5119-4CD
 TITLE
 2 x 1.75" RADIAL MOUNTING
 F4 CALIPER INSTALLATION
 DRG NO. CP5119-64.F4 CD

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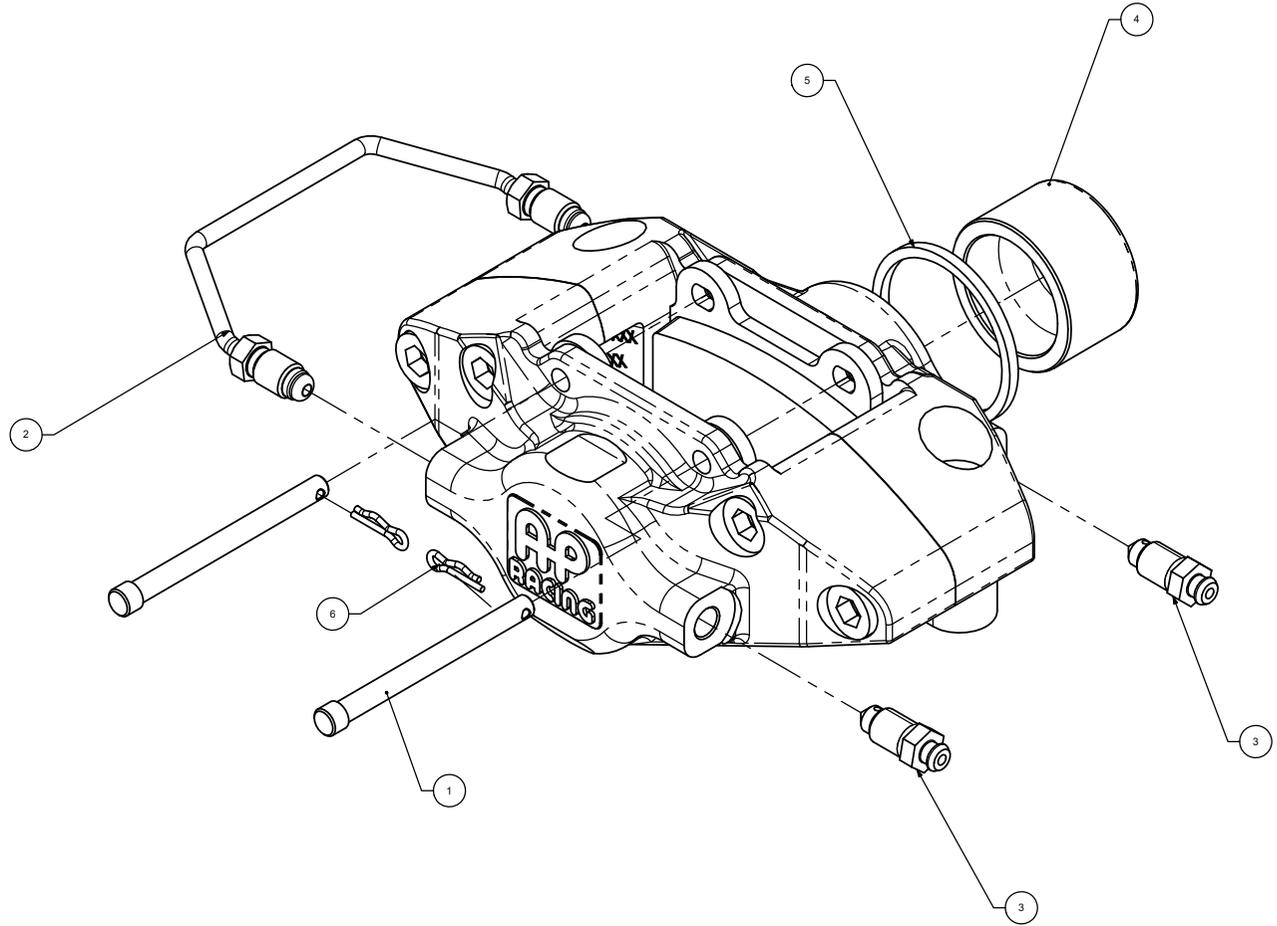
FIRST ANGLE PROJECTION

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CP5119-64/65T0:F4 SPARES LIST				
REF	PART NUMBER	DESCRIPTION	QTY/CALIPER	FITTING NOTES
1	CP5119-155	PAD RETAINING PIN	2	-
2	CP5119-46	EXTERNAL PIPE ASSEMBLY	1	PLEASE CONTACT AP RACING TECHNICAL SUPPORT FOR FITTING INSTRUCTIONS
3	CP3720-173	BLEED SCREWS	2	MAX TIGHTENING TORQUE 17Nm
4	CP5235-108	SST PISTON	2	-
5	CP4519-L	SEAL KIT	1	REFER TO PUBLICATION REF: P14.290 & P14.220
6	CP4398-108	R CLIP	2	-



Alterations		
Date & No.	Particulars	Drawn
01/2	SEE SHEET 1 FOR ISSUE INFORMATION.	

SCALE 1:1	SHEET 2 OF 2
DRAWN James Nurse	
APPROVED	
DERIVED FROM CP5119-44CD	
TITLE	
2 x 1.75" RADIAL MOUNTING	
F4 CALIPER INSTALLATION	
DRG NO.	CP5119-64:F4 CD