

**B1 ASSEMBLY DRAWING**

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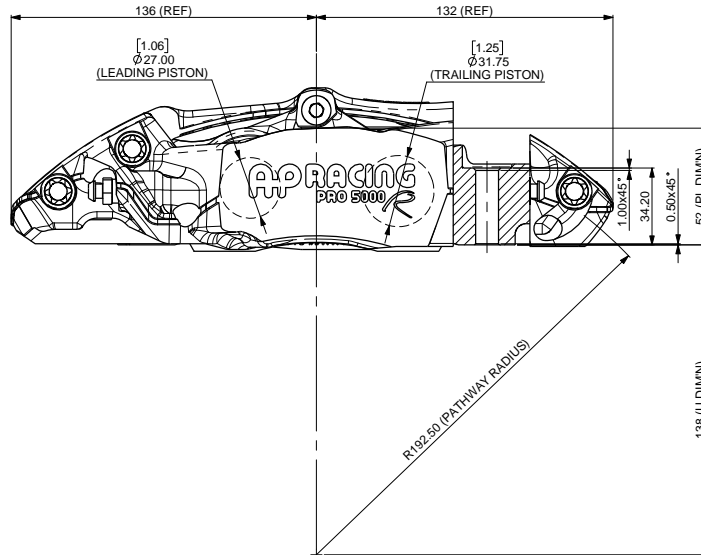
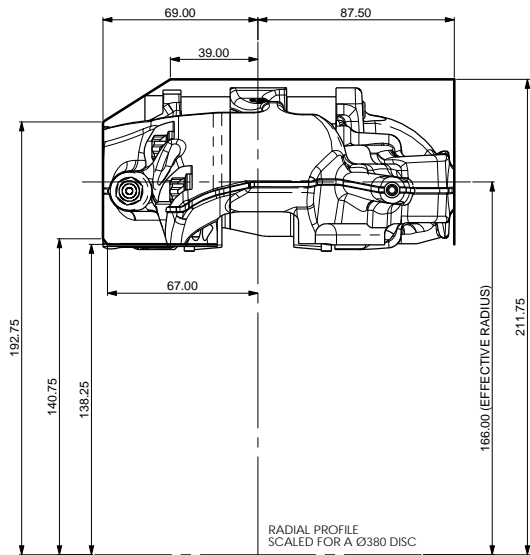
FIRST ANGLE PROJECTION

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**GENERAL DESCRIPTION**  
THIS 4 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø380 IRON DISC WITH A THICKNESS OF 28-32mm.

**APPLICATION**  
GENERAL USE CALIPER.

**TECHNICAL INFORMATION**  
TOTAL PISTON AREA: 27.2cm<sup>2</sup>  
BODY MATERIAL: ALUMINIUM ALLOY  
PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS): 2.21Kg

MINIMUM DISC & PAD STACK: 40MM

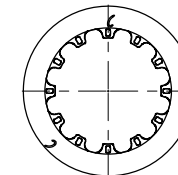
**INSTALLATION INFORMATION**  
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm. DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOMINAL FROM DISC O/D TO PATHWAY.

**KEY TO DIMENSIONS**  
'PL' DIMN : TOP OF PAD MATERIAL TO MOUNTING FACE.  
'U' DIMN : WHEEL CENTRE LINE TO CALIPER  
MOUNTING FACE = (DISC Ø/2) - PL DIMN

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

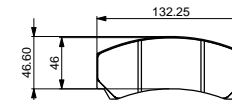
**CALIPER PART NUMBERS**  
CP9450-2S4L - RIGHT HAND  
CP9450-3S4L - LEFT HAND

**RECOMMENDED DISC AND PAD OPTIONS AVAILABLE**  
D46 DISC AND PAD COMBINATION



CP5772-1010/1GA Ø378x32 12F 72V 6.26Kg  
CP5914-1167G12 Ø378x28 12B 48V 6.20Kg  
CP5914-1101G8 Ø378x28 12F 48V 6.28Kg

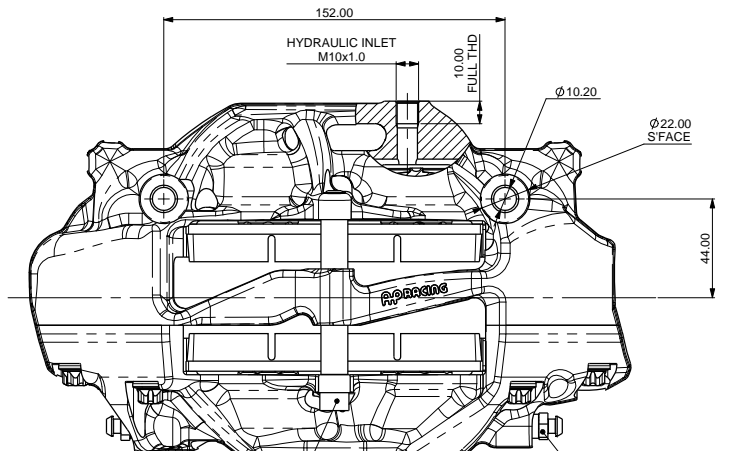
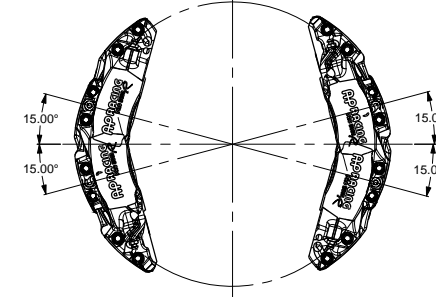
SEE CUSTOMER DRAWING FOR FULL DETAIL



**CP3215D46 PAD FAMILY**  
PAD THICKNESS - 16.75mm  
PAD AREA - 50.89cm<sup>2</sup>  
PAD VOLUME - 85.24cm<sup>3</sup>

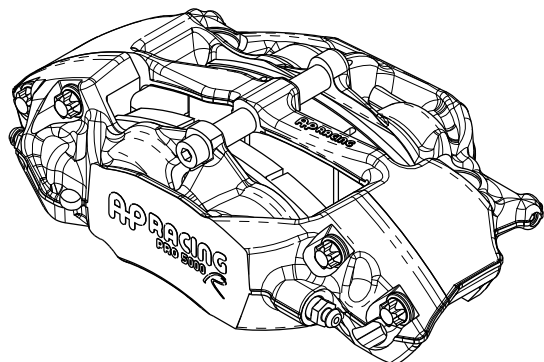
**OPTIMUM BLEED POSITIONING**

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



BLEED SCREW TIGHTENING  
TORQUE 17.0 Nm (12.5 Lbs ft)

PAD RETAINING BOLT SHOULD BE  
TIGHTENED TO A TORQUE OF 19Nm  
(14 Lbs ft)



Issue No	Alterations			Zone	Initials
	Date & No.	Particulars	#		
1	09/06/16 B7478	FIRST ISSUE			NJS
2	02/08/17 B7726_01	CHANGED TORQUE SPECIFICATION FOR PAD RETAINER BOLT			SGW

SCALE 1:1	SHEET 1 OF 2
DRAWN N STEVENS	
APPROVED	
DERIVED FROM	
TITLE 4 POT PRO5000 R CALIPER INSTALLATION	
DRG NO.	CP9450-1CD