

# A1 INSTALLATION DRAWING

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**GENERAL DESCRIPTION**  
THIS IS A 2 PISTON CALIPER, DESIGNED TO OPERATE ON A SOLID IRON DISC RANGING FROM Ø266.7 (10.5") TO Ø254.0 (10"), AND 11.2MM(0.44") TO 9.7MM(0.38") THICK. CALIPERS ARE FITTED WITH STAINLESS PAD ABUTMENT WEAR PLATES, ONE REMOVABLE CENTRAL PAD RETAINER TO GIVE ACCESS TO THE PADS. SEALS ARE HIGH TEMPERATURE 'SEAL IN BORE' TYPE.

**TYPICAL APPLICATION**  
ESCORT REAR, GRP 4 RALLY

**TECHNICAL & INSTALLATION INFORMATION**  
TOTAL PISTON AREA - 40.53CM<sup>2</sup> (6.28IN<sup>2</sup>)

PISTON MATERIAL - ALUMINIUM ALLOY

BODY MATERIAL - ALUMINIUM ALLOY

ALL HYDRAULIC THREADS - 3/8" X 24 UNF

CALIPER ASSEMBLY WEIGHT - 1.8KG (3.97 LBS)

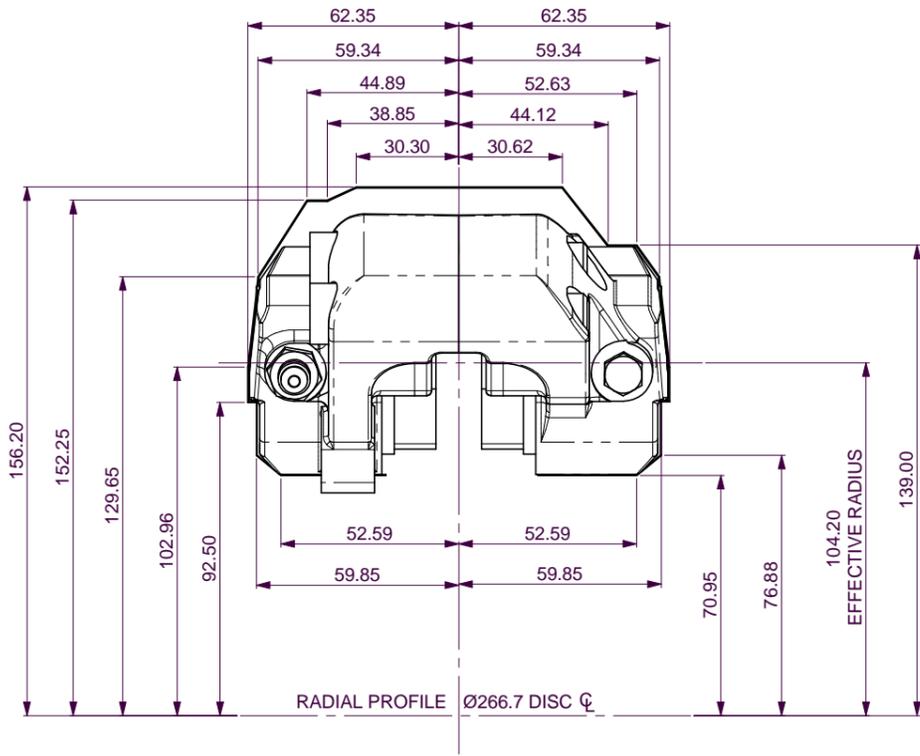
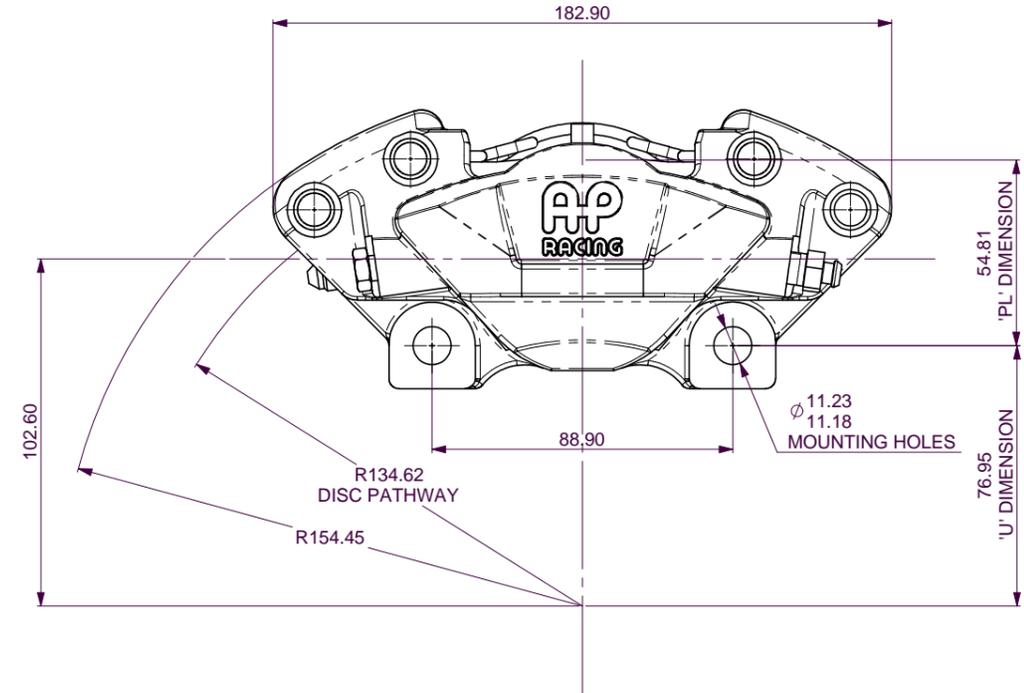
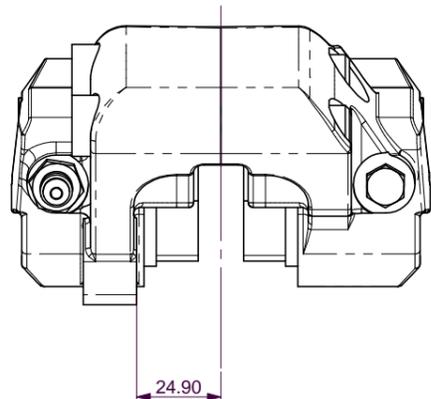
**NOTE - SHOULD THE PISTON BE INADVERTENTLY REMOVED, THEY SHOULD BE WIPE CLEAN AND BE SMEARED WITH AP RACING BRAKE FLUID BEFORE REPLACEMENT.**

**KEY TO DIMENSIONS**  
DIMENSION 'PL' TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE.  
DIMENSION 'C' DISC CENTRE LINE TO MOUNTING STUD CENTRE LINE.  
DIMENSION 'U' WHEEL CENTRE TO CALIPER MOUNTING BOSS FACE (DISC DIAMETER/2 - 'PL' DIMENSION).  
DIMENSION 'H' MOUNTING HOLE DIAMETER.  
RADIUS 'N' RADIUS OF DISC PATHWAY.  
EFFECTIVE RAD. DISTANCE FROM WHEEL CENTRE LINE TO NOMINAL PISTON CENTRE LINE.

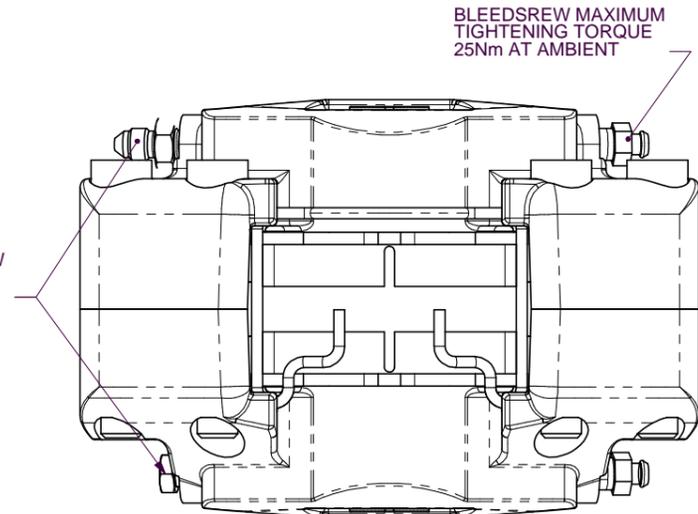
AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY APPLICATION.

**CALIPER ASSEMBLY PART NUMBERS**  
CP2383-12E4 - RIGHT HAND  
CP2383-13E4 - LEFT HAND

**REPLACEMENT SEAL KIT**  
SEAL KIT (HIGH TEMP) CP4518-N



**NOTE:**  
3/8" x 24UNF FITTING AND BLANKING SCREW  
MAX TIGHTENING TORQUE 25Nm  
AT AMBIENT TEMPERATURE



Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	21/09/04 B4028	FIRST ISSUE		SAT

SCALE 1:1	SHEET 1 OF 1
DRAWN	Steve Thomas
APPROVED	
DERIVED FROM	
TITLE 2 POT CALIPER INSTALLATION DRAWING	
DRG NO.	cp2383-1cd