

# A1 INSTALLATION DRAWING

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AP Racing  
Wheler Road  
Coventry  
CV3 4LB

Tel: +44 (0) 24 7663 9595 e-mail: engineering@ap racing.co.uk  
Fax: +44 (0) 24 7663 9559 Web site: http://www.ap racing.com

**GENERAL DESCRIPTION**  
THIS IS A 2 PISTON CALIPER, DESIGNED TO OPERATE ON A VENTILATED IRON DISC RANGING FROM Ø266.7 (10.5") TO Ø254.0 (10"), AND 20.7(0.80") 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 FRONT, 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)

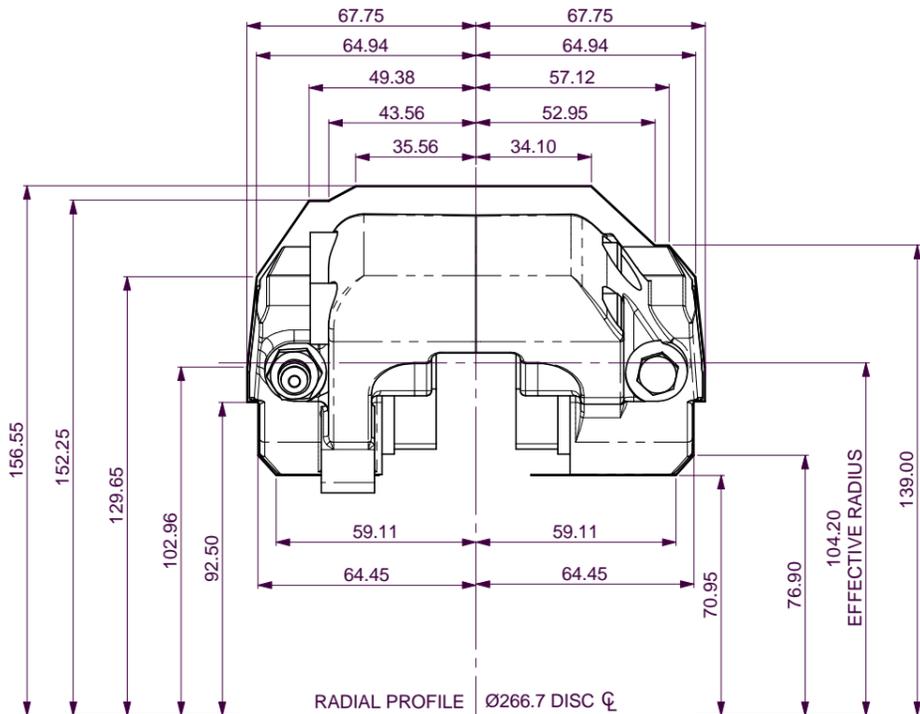
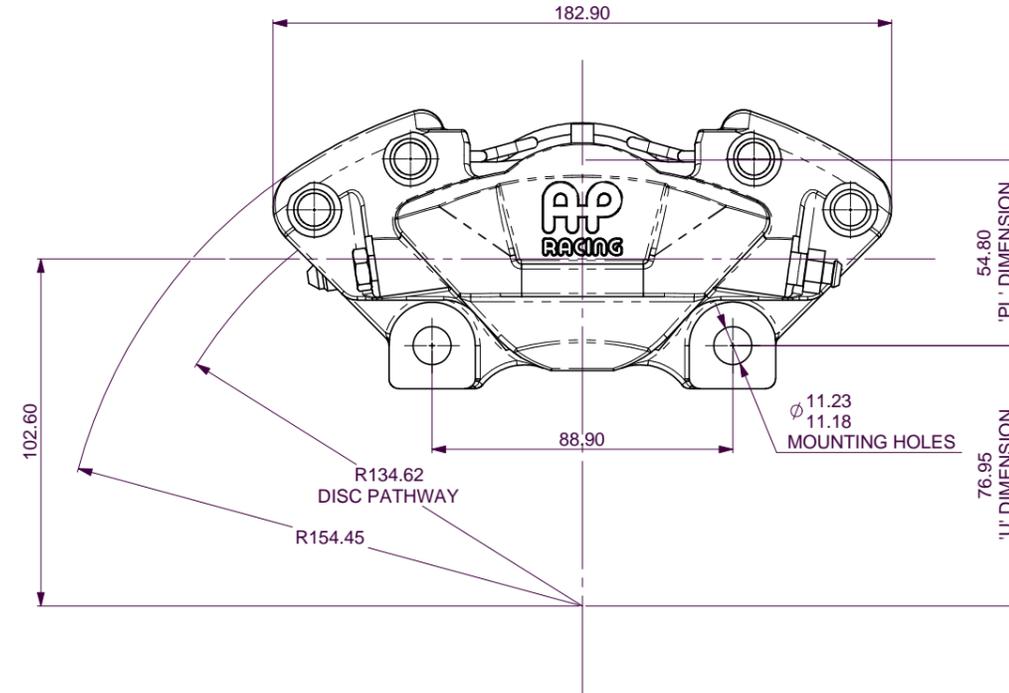
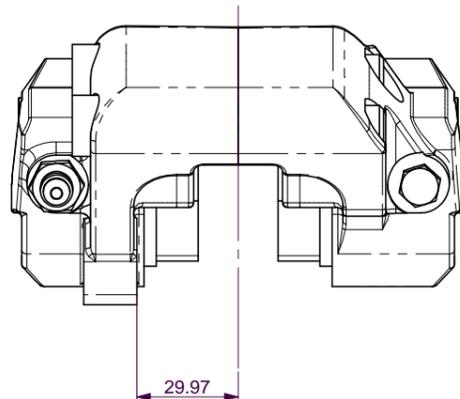
**NOTE - SHOULD THE PISTON BE INADVERTENTLY REMOVED, THEY SHOULD BE WIPE CLEAN AND BE SMEARED WITH AP RACING BRAKE FLUID BEFORE REPLACEMENT.**

**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.

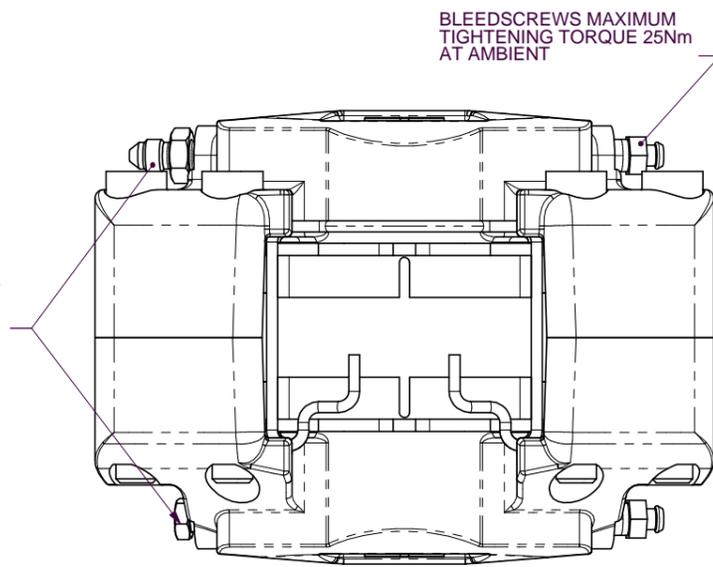
AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY APPLICATION.

**CALIPER ASSEMBLY PART NUMBERS**  
CP2382-12E4 - RIGHT HAND  
CP2382-13E4 - 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<br>B4028 | FIRST ISSUE |      | SAT      |

|  |              |
|--|--------------|
| SCALE 1:1                                      | SHEET 1 OF 1 |
| DRAWN  | Steve Thomas |
| APPROVED                                       |              |
| DERIVED FROM                                   |              |
| TITLE<br>2 POT CALIPER<br>INSTALLATION DRAWING |              |
| DRG NO.  | cp2382-1cd   |