

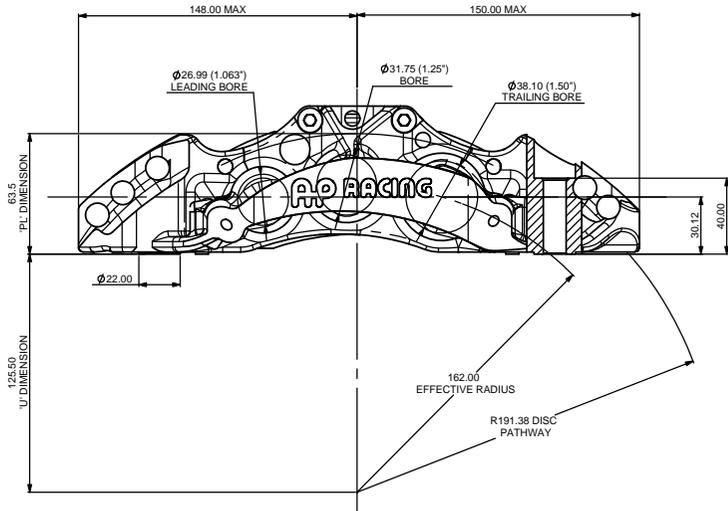
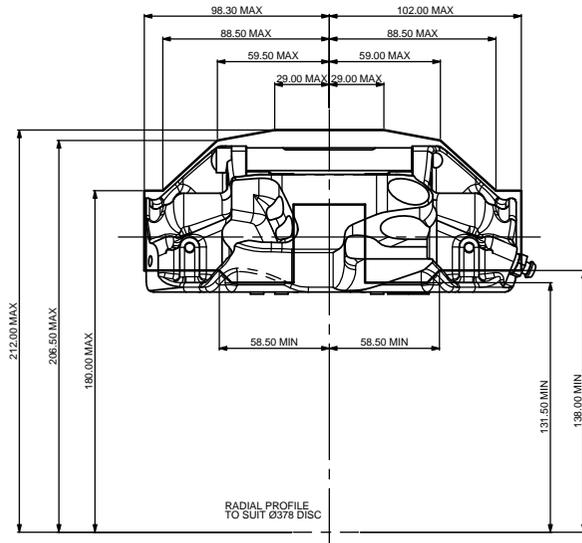
# A0 INSTALLATION DRAWING

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**AP Racing**  
 Wheller Road  
 Coventry  
 CV3 4LB  
 Tel: +44 (0)24 7663 9595  
 Fax: +44 (0)24 7663 9599  
 e-mail: sales@apracings.co.uk  
 Web site: HTTP://www.apracings.com  
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**GENERAL DESCRIPTION:**

THIS IS A 6 PISTON DIFFERENTIAL BORE CALIPER DESIGNED TO OPERATE ON A VENTILATED CARBON DISC OF UP TO Ø378.0MM DIA BY 35.0MM THICK. STAINLESS STEEL PAD ABUTMENT WEAR PLATES ARE FITTED. SEALS ARE HIGH TEMPERATURE 'SEAL-IN-BORE' TYPE.

**TYPICAL APPLICATION:**

GT

**TECHNICAL INFORMATION:**

TOTAL PISTON AREA: 50.1cm<sup>2</sup>  
 PISTON MATERIAL: STAINLESS STEEL (STANDARD)  
 BODY MATERIAL: FORGED ALUMINUM ALLOY  
 ALL HYDRAULIC THREADS M10x1.0  
 ASSEMBLY WEIGHT: 2.7 Kg ( WITHOUT PADS )

**INSTALLATION INFORMATION:**

DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm

**MINIMUM WORN DISC & PAD STACK = 45MM**

**KEY TO DIMENSIONS:**

DIMENSION 'PL': TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE.  
 DIMENSION 'U': WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - DIMENSION 'PL'.  
 DIMENSION 'C': OFFSET - DISC CENTRE LINE TO MOUNTING HOLES.  
 EFFECTIVE RADIUS: 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 PARTICULAR APPLICATION.**

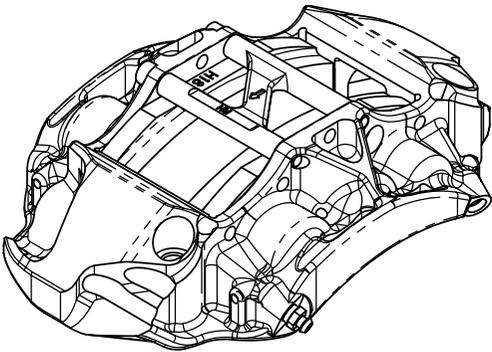
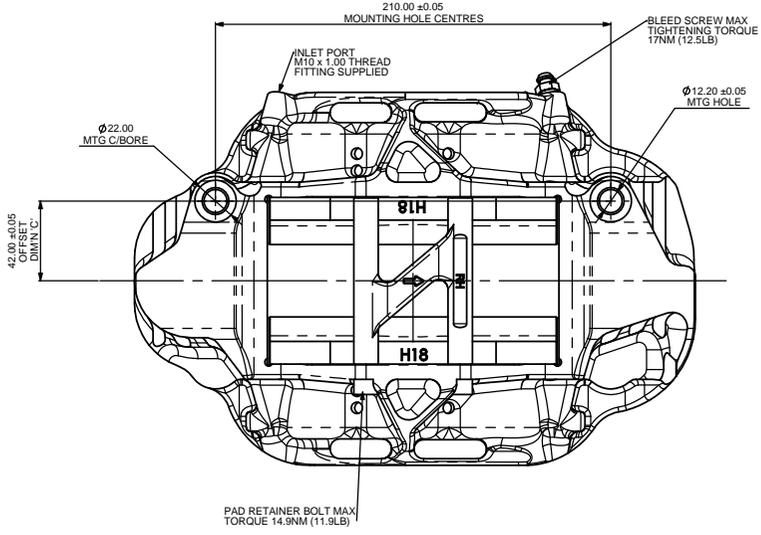
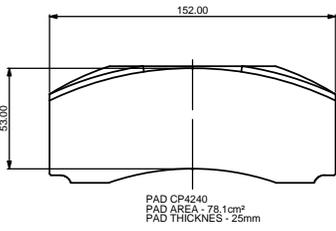
**CALIPER PART NUMBERS**

CP5095-2STLCA - RIGHT HAND TRAILING (BEHIND AXLE) AS DRAWN  
 CP5095-3STLCA - LEFT HAND TRAILING (BEHIND AXLE)  
 CP5095-4STLCA - RIGHT HAND LEADING (IN FRONT OF AXLE)  
 CP5095-5STLCA - LEFT HAND LEADING (IN FRONT OF AXLE)

**REPLACEMENT SEAL KIT**

SEAL KIT (HIGH TEMPERATURE) CP4518-CEJ

| Alterations |  | Date & No.     | Particulars   | Drawn | Checked |
|-------------|--|----------------|---|-------|---------|
| 1           |  | 11/11/09 B5728 | FIRST ISSUE   |       |         |
| 2           |  | 18/04/11 B5728 | PAD RETAINER PART NUMBER CP5095-111 WAS FORGED PAD RETAINER CP5095-105          |       |         |
| 3           |  | 11/07/11 B6282 | PAD RETAINER DETAIL UPDATED   |       |         |
| 4           |  | 10/09/13 B6694 | PAD RETAINER REVERTED BACK TO STANDARD VERSION. HOW SUFFIXED ASSEMBLIES REMOVED |       |         |
| 5           |  | 18/09/14 B7175 | PAD RETAINER PART NUMBER CP5095-112/3 WAS CP5095-111                            |       |         |



SCALE 1:1 SHEET 1 OF 2  
 DRAWN Steve Thomas  
 APPROVED  
 DERIVED FROM  
 TITLE  
**6 POT FORGED MONOBLOCK CARBON CALIPER INSTALLATION DRAWING**  
 DRG NO. CP5095-2CD

