

# A1 INSTALLATION DRAWING

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| Issue No. | Alterations       |             | Zone | Initials |
|-----------|-------------------|-------------|------|----------|
|           | Date & No.        | Particulars |      |          |
| 1         | 13/05/03<br>B3649 | FIRST ISSUE |      | SAT      |

## GENERAL DESCRIPTION

THIS CALIPER IS DESIGNED TO OPERATE ON A SOLID OR VENTILATED DISC OF EITHER Ø295.0 (11.60") OR Ø280.0 (11.0")

ALL CALIPERS ARE FITTED WITH STAINLESS STEEL FLUID BRIDGE PIPES.

PISTON DIAMETERS: 4 x 38.10 (1.500")

BODY MATERIAL: ALUMINIUM ALLOY  
 HYDRAULIC THREADS: M10 x 1.0  
 PISTON MATERIAL: ALUMINIUM ALLOY (STANDARD)

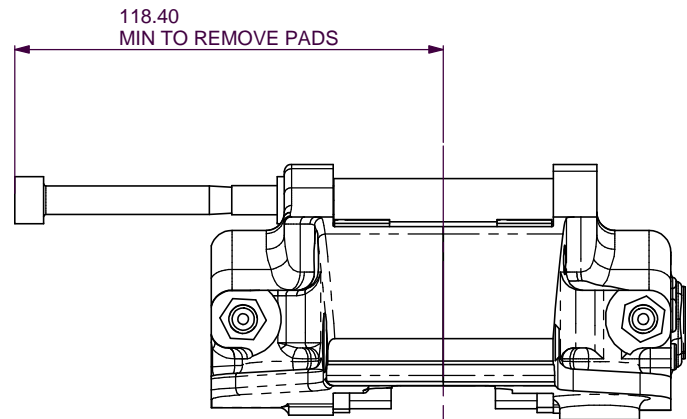
DIMENSION 'PL': TOP OF PAD MATERIAL TO MOUNTING HOLE BOSS FACE WITH PAD SITTING DOWN ON LEDGE.  
 DIMENSION 'C': OFFSET - DISC CENTRE LINE TO MOUNTING HOLE CTR

DIMENSION 'D': MOUNTING HOLE CENTRES  
 DIMENSION 'H': MOUNTING HOLE DIAMETER  
 DIMENSION 'U': WHEEL CENTRE TO CALIPER MOUNTING HOLE BOSS FACE (DISC Ø/2) - 'PL' DIMENSION

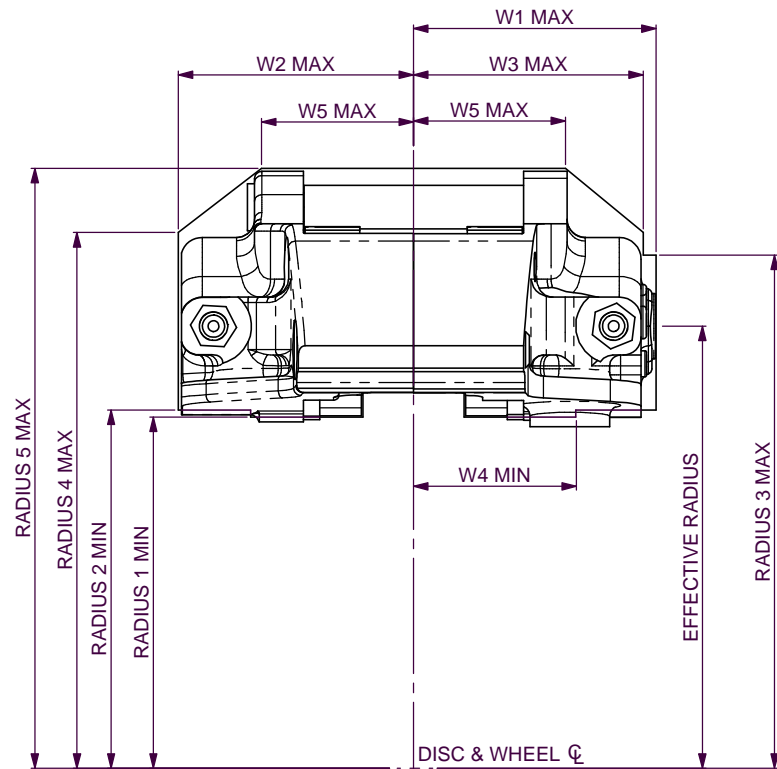
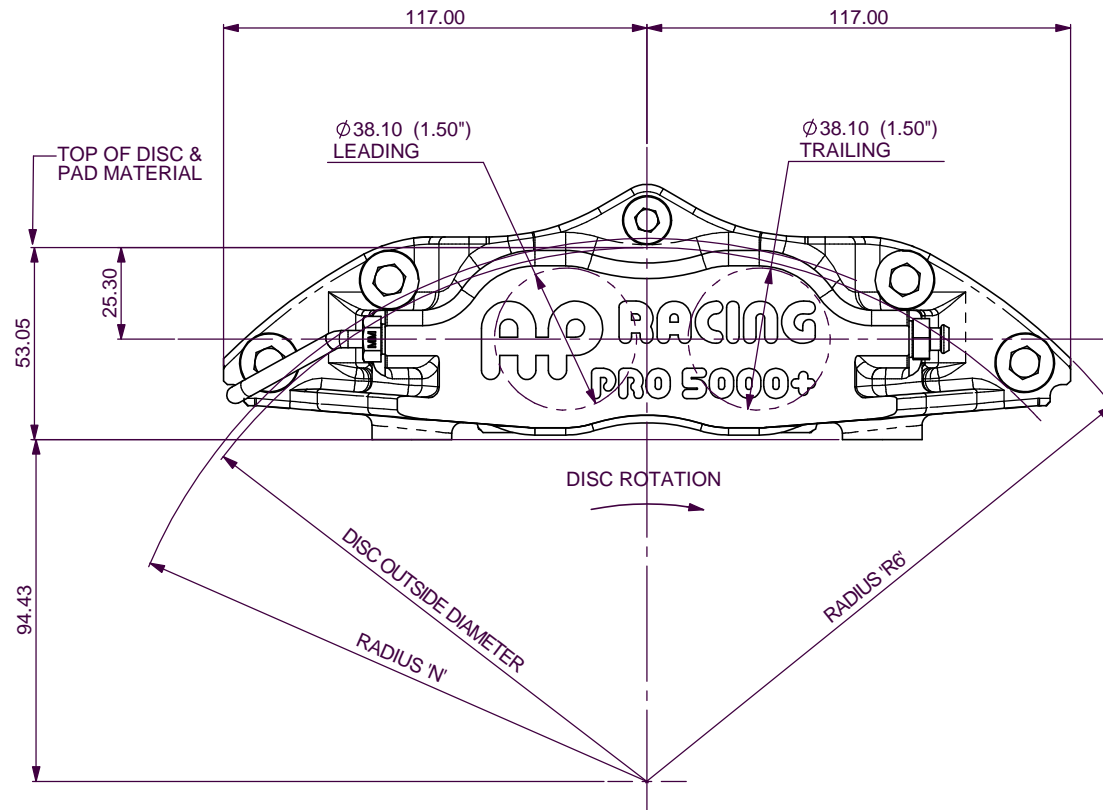
AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION.

## CALIPER PART NUMBERS

CP5040-10S4 - R.H TRAILING (BEHIND AXLE)  
 CP5040-11S4 - L.H TRAILING (BEHIND AXLE)  
 CP5040-12S4 - R.H LEADING (IN FRONT OF AXLE)  
 CP5040-13S4 - L.H LEADING (IN FRONT OF AXLE)



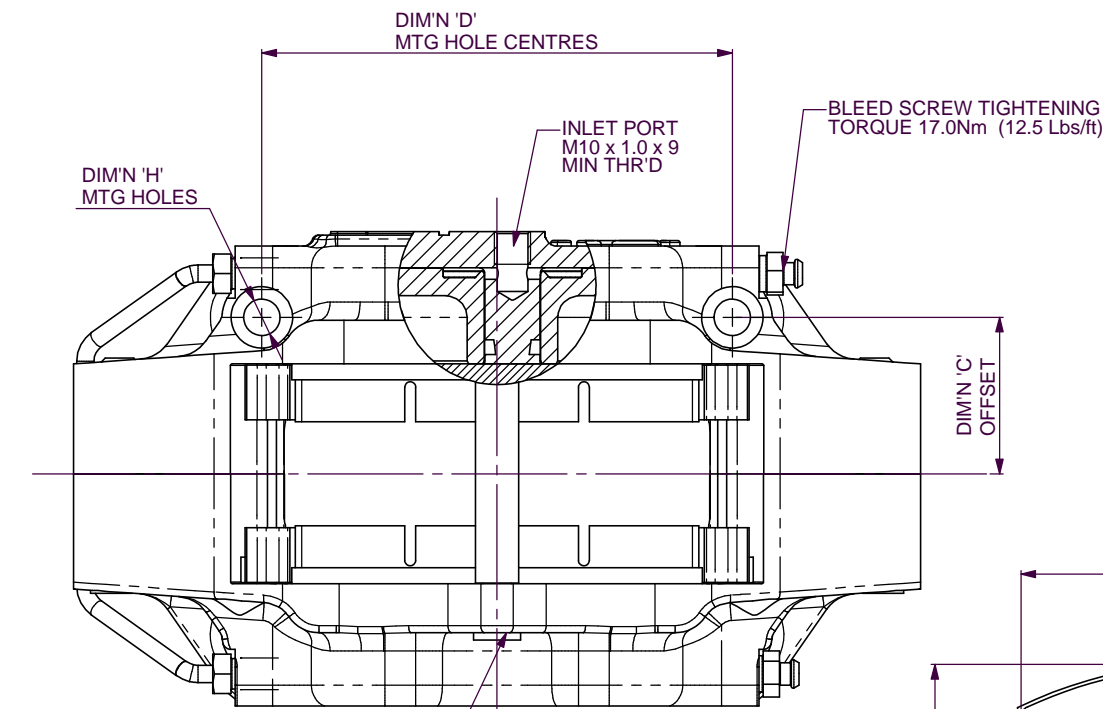
DISC & CALIPER TOLERANCES TO BE SUCH THAT DISC IS CENTRAL TO CALIPER TO WITHIN ±0.5mm



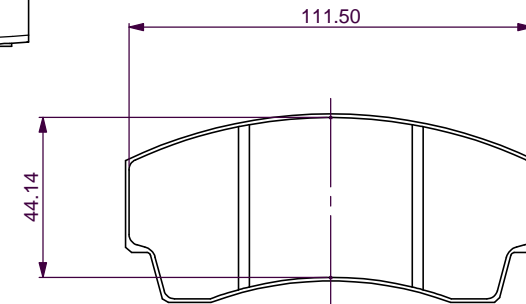
## RADIAL PROFILE CHART

|             | DISC Ø          | EFF RAD | RAD 1 | RAD 2 | RAD 3  | RAD 4  | RAD 5  | W1    | W2    | W3    | W4    | W5    |
|-------------|-----------------|---------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| CP5040-     | Ø 295.0 (11.6") | 122.15  | 97.00 | 99.00 | 141.75 | 148.00 | 165.75 | 67.00 | 65.00 | 63.50 | 45.00 | 42.00 |
| 10/11/12/13 | Ø 280.0 (11.0") | 114.65  | 89.50 | 91.50 | 134.25 | 140.50 | 158.25 |       |       |       |       |       |

| CALIPER ASSY FAMILY No. | STROKE NUMBERS |     |     |     | DISC DIA         | DISC WIDTH | DIMN 'C' | DIMN 'H'               | DIMN 'D'                 | DIMN 'PL' | RAD 'N' | REMARKS |
|-------------------------|----------------|-----|-----|-----|------------------|------------|----------|------------------------|--------------------------|-----------|---------|---------|
|                         | RHT            | LHT | RHL | LHL |                  |            |          |                        |                          |           |         |         |
| CP5040-                 | 10             | 11  | 12  | 13  | 295.00<br>280.00 | 25.40      | 43.20    | 10.25 MAX<br>10.15 MIN | 130.05 MAX<br>129.95 MIN | 53.00     | 150.00  |         |



PAD RETAINING BOLTS SHOULD BE TIGHTENED TO A TORQUE OF 13.1Nm (9.70 Lbs/ft)



## CP3345 PAD FAMILY

PAD AREA - 43.47 cm<sup>2</sup>  
 PAD VOLUME - 50.12 cm<sup>3</sup>  
 (FIGURES FOR FULL DEPTH PAD)

ALTERNATIVE PAD - CP2340 (REDUCED AREA)

SCALE 1:1 SHEET 1 OF 1

|              |              |
|--------------|--------------|
| DRAWN        | Steve Thomas |
| APPROVED     |              |
| DERIVED FROM |              |

TITLE  
**4 x 1.50" CALIPER  
 INSTALLATION DRAWING**

DRG NO. cp5040-10cd