

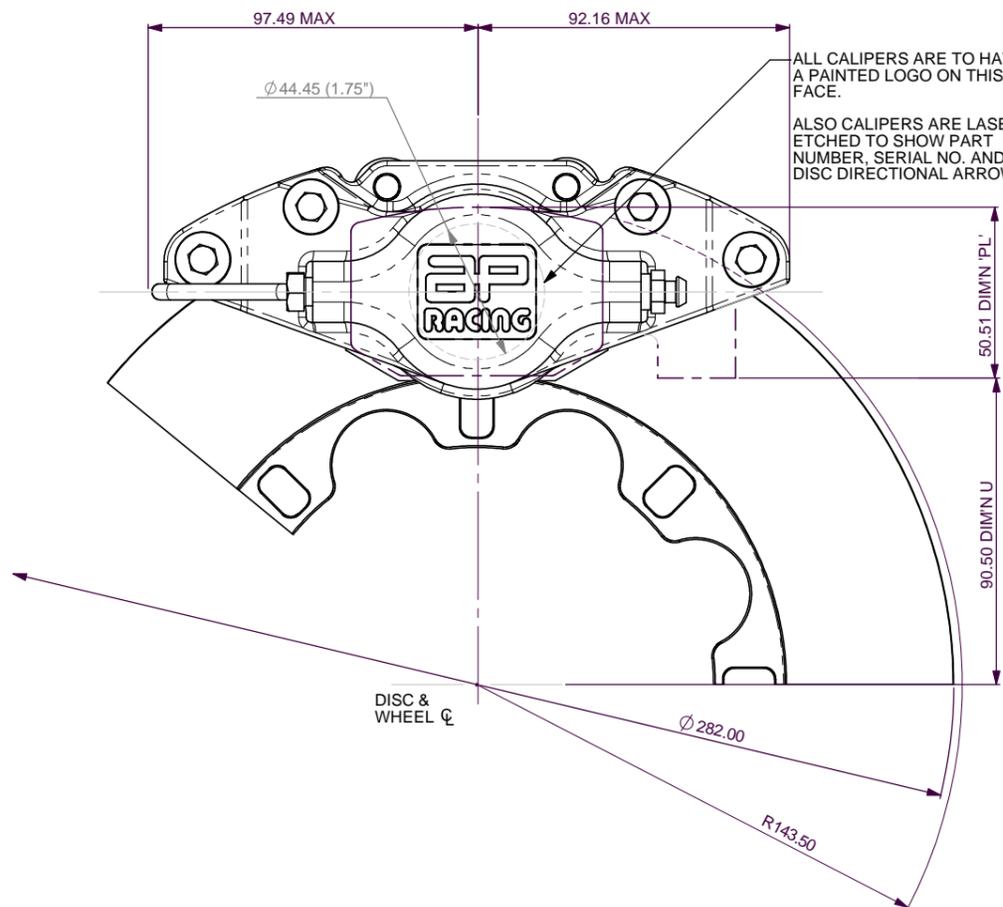
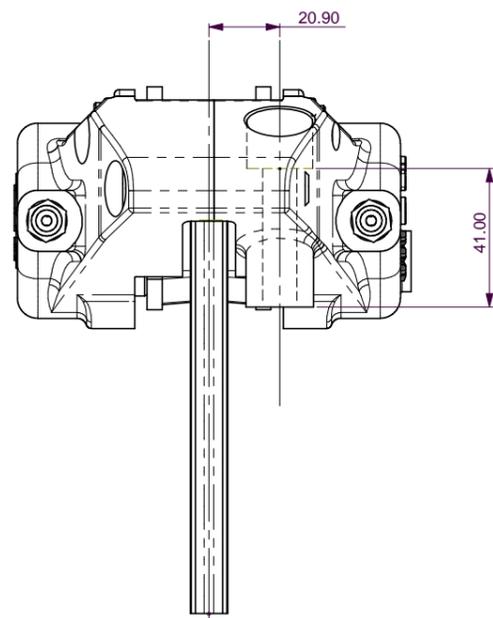
A1 INSTALLATION DRAWING

IF THIS DOCUMENT IS PRINTED IN HARDCOPY, IT IS FOR INFORMATION USE ONLY AND THEREFORE IS NOT SUBJECT TO UPDATING CONTROLS. ALWAYS REFER TO SOLIDWORKS VIEWER FOR LATEST ISSUE

FIRST ANGLE PROJECTION

THIS DRAWING IS CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT SHALL NOT BE LOANED OR COPIED OR DISCLOSED TO ANY OTHER PERSON OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF AUTOMOTIVE PRODUCTS p.l.c.

AP RACING
 Wheler Road
 Coventry
 CV3 4LB
 Tel: +44 1203 639595
 Fax: +44 1203 639559
 e-mail: sales@apracing.co.uk
 Web site: [HTTP://www.apracing.com](http://www.apracing.com)



ALL CALIPERS ARE TO HAVE A PAINTED LOGO ON THIS FACE.

ALSO CALIPERS ARE LASER ETCHED TO SHOW PART NUMBER, SERIAL NO. AND DISC DIRECTIONAL ARROW.

General Description

This is a 2-pot caliper designed to operate on a iron disc of up to dia 282mm x 12.7mm thick. All calipers are fitted with stainless steel bridge pipes as standard. High temperature / Low drag seals are fitted, and is of 'Seal In Bore' Type.

Typical Application

Formula Ford Cars

Technical & Installation Information

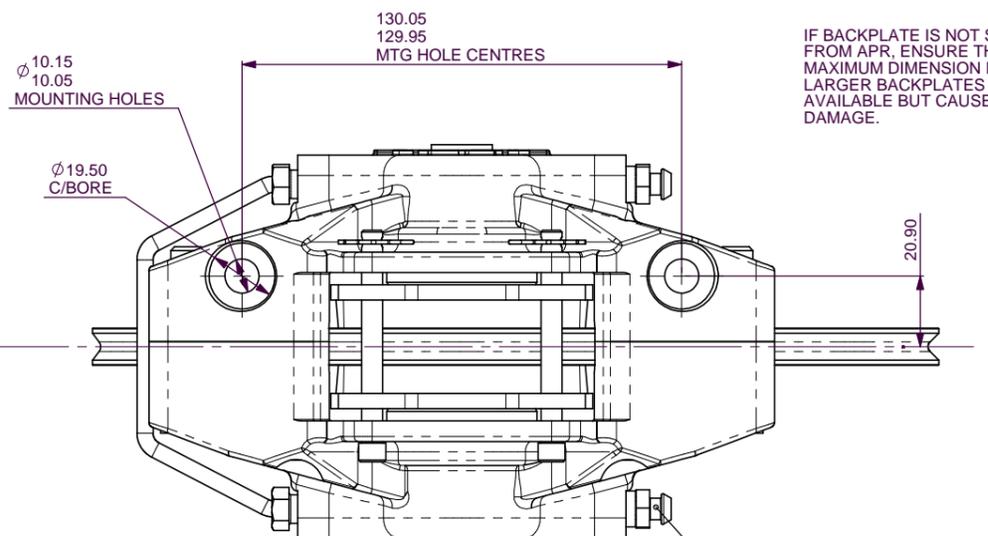
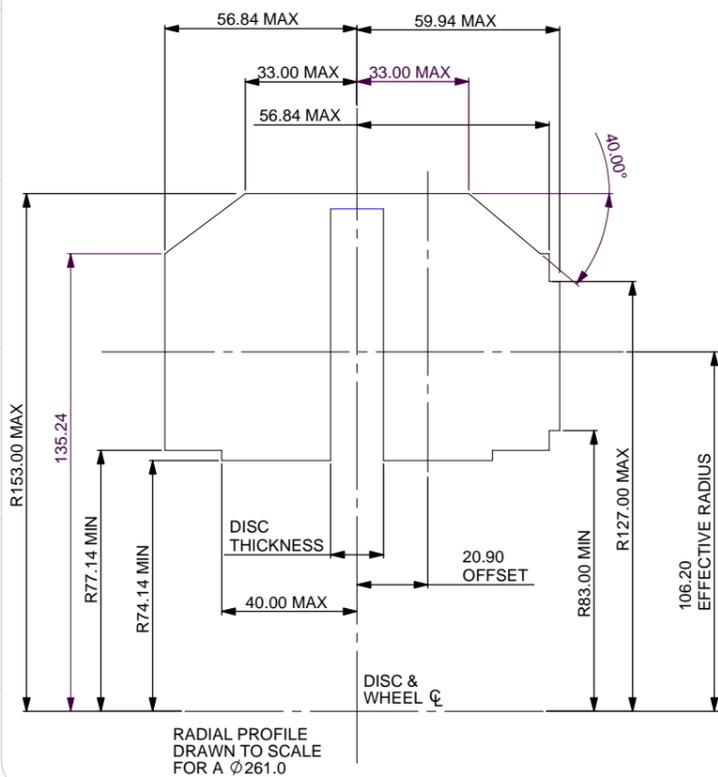
Piston Dia : 2 x 44.45
 Total Piston Area :31.04cm²
 Piston Material – Aluminium Alloy
 Body Material – Aluminium Alloy
 All Hydraulic Threads M10 x 1.0

Key To Dimensions

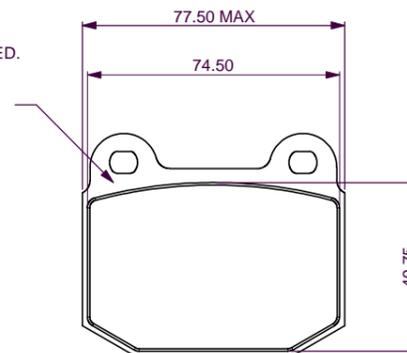
- Dimension 'PL' Top of pad material to mounting boss face With pad sitting down on ledge.
- Dimension 'C' Disc centre line to mounting stud centre line.
- Dimension 'U' Wheel centre to caliper mounting boss face (disc diameter/2 – 'PL' Dimension).
- Dimension 'H' Mounting hole diameter.
- Radius 'N' 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.

Should the piston be inadvertently removed, they should be wiped clean and be smeared with AP Racing brake fluid before replacement.



IF BACKPLATE IS NOT SUPPLIED FROM APR, ENSURE THE 77.50 MAXIMUM DIMENSION IS OBSERVED. LARGER BACKPLATES ARE AVAILABLE BUT CAUSE CALIPER DAMAGE.



CP5119 PAD FAMILY
 PAD AREA - 32.80cm²
 PAD VOLUME - 29.78cm³

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

CALIPER IDENTIFICATION CHART		
CP6120-2S0	RH	RIGHT HAND
CP6120-3S0	LH	LEFT HAND

Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	16/08/00 B2824	FIRST ISSUE		SAT
2	26/09/00 RAC09044	CHANGES MADE TO CALIPER DIMENSIONAL CHANGES FILTERED THRO'. OFFSET DIMENSION WAS 20.30 PISTON DIA WAS SHOW AS 436.0 TOTAL PISTON AREA WAS 31.28cm ²		SAT
3	19/10/00 RAC09054	MODS TO CALIPER TO BRING IN LINE WITH ROAD CAR PARTS. OFFSET WAS 20.54. RADIAL PROFILE UPDATED. NOTE ON PAD BACKPLATE WAS MINIMUM DIMN		SAT
4	06/11/02 RAC10898	DRAWING WAS SHOWING Ø261 DISC CALIPER DESIGNED FOR Ø282 DISC 'U' DIMN WAS 80.69	8G 10J	SAT

SCALE 1:1	SHEET 1 OF 1
DRAWN	Stephen Thomas
APPROVED	
DERIVED FROM	cp6119-2/3S0L:TOCA
TITLE	
2 x 44.45mm RADIAL MOUNTING CALIPER INSTALLATION	
DRG NO.	cp6120-1cd