

# A1 INSTALLATION DRAWING

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## GENERAL DESCRIPTION

THIS IS A 4 PISTON EQUAL BORE CALIPER DESIGNED TO OPERATE ON A SOLID OR VENTILATED IRON DISC. CALIPERS ARE FITTED WITH STAINLESS STEEL BRIDGE PIPES AS STANDARD. CALIPER SUPPLIED WITHOUT MOUNTING HOLES i.e. BLANK LUGS FOR CUSTOMER TO MACHINE TO OWN REQUIREMENTS.

## TYPICAL APPLICATIONS

FORMULA 3, F3000 & GROUP A RALLY/RACE

## TECHNICAL & INSTALLATION INFORMATION

PISTON AREA 45.60cm<sup>2</sup>  
PISTON MATERIAL - ALUMINIUM ALLOY (STANDARD)  
BODY MATERIAL - ALUMINIUM ALLOY  
ALL HYDRAULIC THREADS 3/8" UNF

## KEY TO DIMENSIONS

- DIMENSION 'PL' TOP OF PAD MATERIAL TO MOUNTING HOLE CENTRE LINE WITH PAD SITTING DOWN ON LEDGE
- DIMENSION 'U' WHEEL CENTRE TO CALIPER MOUNTING HOLE CENTRE LINE (DISC DIAMETER/2 - 'PL' DIMN)
- 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 PISTONS BE INADVERTANTLY REMOVED, THEY SHOULD BE WIPED CLEAN AND BE SMEARED WITH AP RACING BRAKE FLUID BEFORE REPLACEMENT.

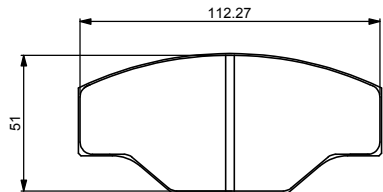
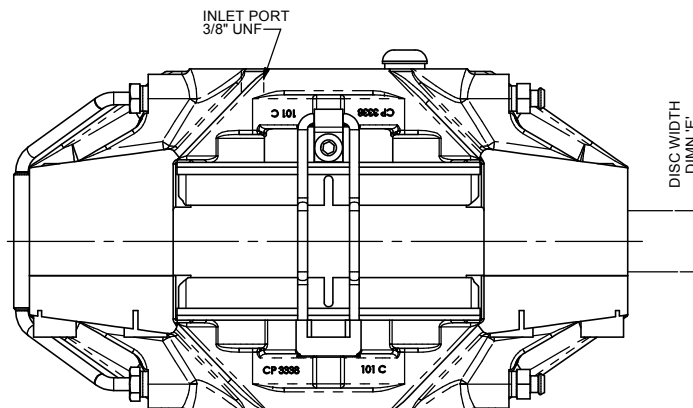
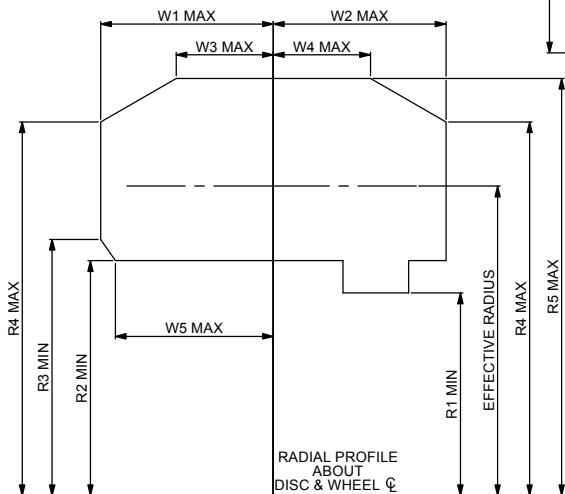
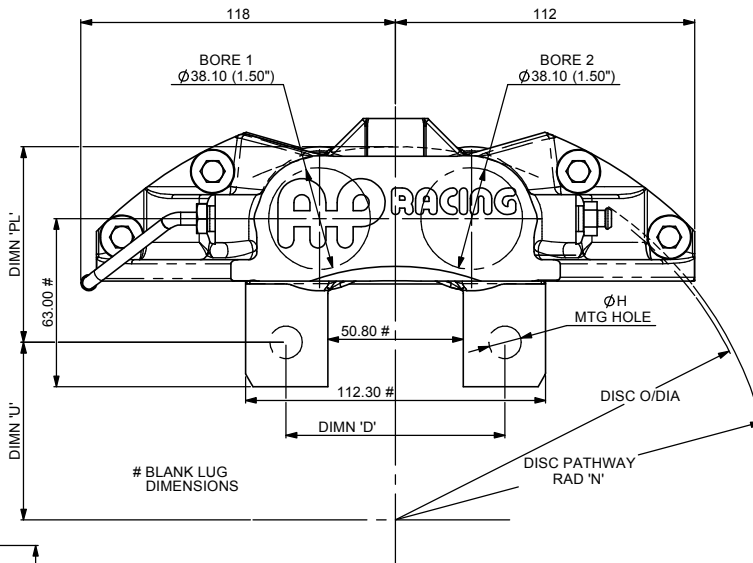
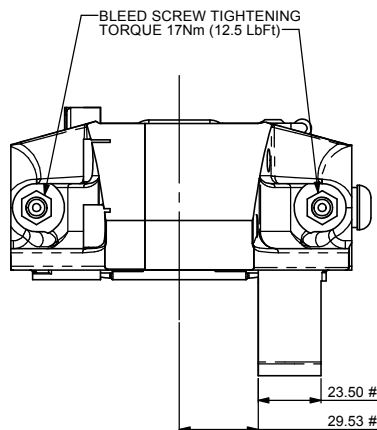
## CALIPER PART No SELECTION

1. SELECT ASSEMBLY FROM TABLE
2. SELECT SUFFIX CHARACTER AS FOLLOWS
  - 1st CHARACTER - S FOR SIDE FEED (STANDARD)
  - 2nd CHARACTER - 0 4 OR 7 DENOTES LOAD OF ANTI-KNOCK BACK SPRING FITTED.
    - 0=NO SPRING, 4=4lb SPRING, 7=7lb SPRING
  - 3rd CHARACTER 'L' OR 'M' DENOTES ALTY PISTON MATERIAL (IF APPLICABLE) 'L' FOR STEEL OR 'M' FOR TITANIUM

EXAMPLE PART No. CP3228-26S4

THE CORRECT PAD FAMILY NUMBER FOR THIS CALIPER IS CP2340. PADS SHOULD BE ORDERED SEPARATELY. A WIDE VARIETY OF MATERIALS ARE AVAILABLE:- PLEASE CONTACT AP RACING FOR ADVICE.

Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
11	21/04/08 B5162	RE-DRAWN ON SOLID WORKS		



CP2340 PAD FAMILY

PAD THICKNESS = 16.00mm  
PAD AREA = 42.34cm<sup>2</sup>  
PAD VOLUME = 48.82cm<sup>3</sup>

CALIPER PART No.	DISC WIDTH DIMN 'E'	DISC O/DIA	EFFECTIVE RADIUS	RAD 'N'	DIMN 'PL'	DIMN 'D'	DIA 'H'
CP3228-26 / 27	9.70 TO 22.86	280.0	115.9	141.8	55.9 MIN 81.0 MAX	76.2 MIN 88.9 MAX	12.25 12.15

CALIPER PART No.	DISC O/DIA	R1	R2	R3	R4	R5	W1	W2	W3	W4	W5
CP3228-26 / 27	280.0	75.85	87.95	95.90	139.9	156.25	64.65	64.65	36.35	36.35	59.15

SCALE 2:1 SHEET 1 OF 1

DRAWN D.ARROWSMITH

APPROVED

DERIVED FROM

TITLE  
4 POT CAST CALIPER

DRG NO. CP3228-1CD