

A1 INSTALLATION DRAWING

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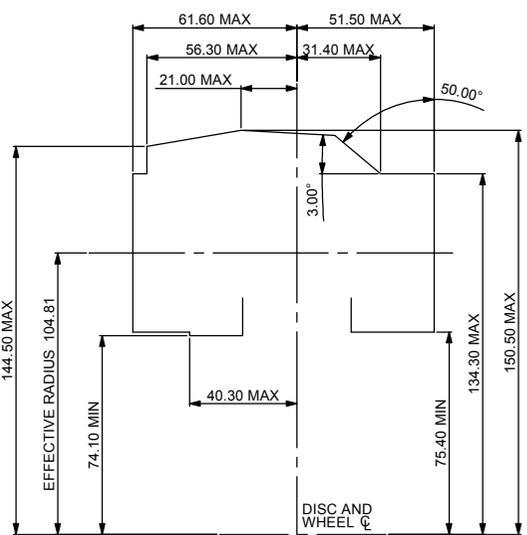
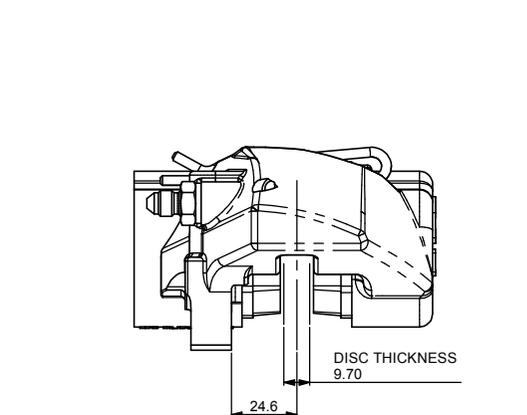
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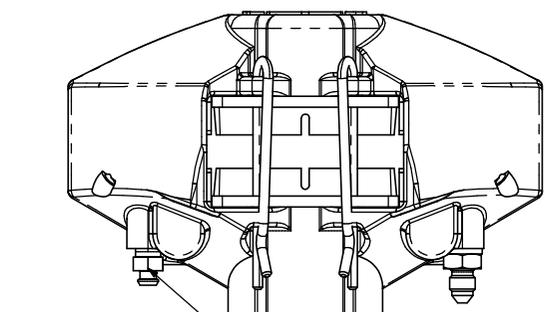
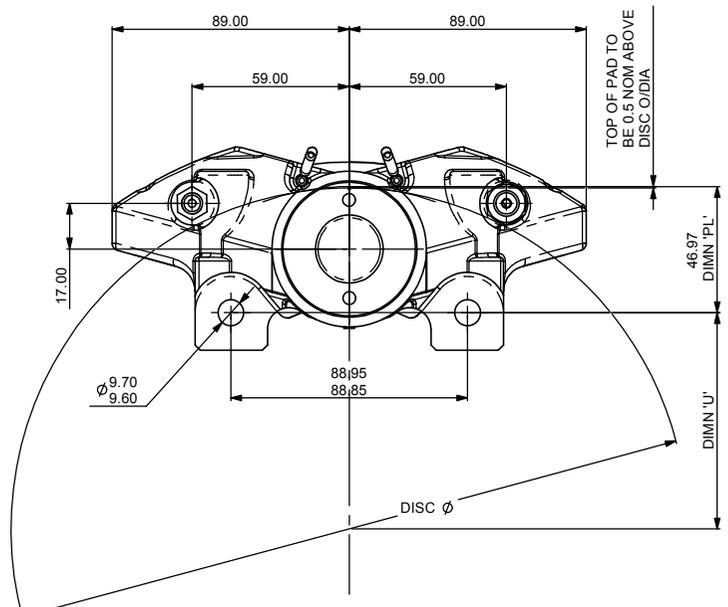
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CALIPER RADIAL PROFILE ON $\phi 254$ DISC



BLEED SCREW TIGHTENING TORQUE 17.0MN (12.5 Lbft)

GENERAL DESCRIPTION

THIS IS A TWIN OPPOSED BORE ONE PIECE CAST CALIPER DESIGNED TO OPERATE ON A SOLID IRON DISC FROM 10.0" (254.0mm) TO 10.5" (266.7mm), OF THICKNESS 0.38" (9.70mm)

TECHNICAL DATA

PISTON DIA - 2 x 1.5" (38.1mm)
TOTAL PISTON AREA - 3.53 in² (22.80 cm²)
PISTON MATERIAL - ALUMINIUM ALLOY
BODY MATERIAL - ALUMINIUM ALLOY
ALL HYDRAULIC THREADS - 3/8" x 24 UNF

DETAILS

DIMN 'PL' - TOP OF PAD MATERIAL TO MOUNTING HOLE ϕ
DIMN 'U' - WHEEL CENTRE TO MOUNTING HOLE ϕ
= (DISC DIA/2) + 0.5 - 'PL' DIMN
EFFECTIVE RAD - RADIUS FROM WHEEL ϕ TO PISTON ϕ

CALIPER PART No.

CP3176-2E0 - UNHANDED CALIPER

INSTALLATION INFORMATION

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

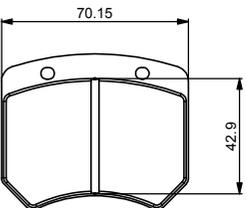
CALIPER IS HANDED BY SWITCHING POSITIONS OF BLEED SCREW AND INLET PORT.
CALIPER TO BE MOUNTED ON ITS SIDE, WITH BLEED SCREW UPPERMOST.

REPLACEMENT SEAL KIT

SEAL KIT (HIGH TEMP) CP4518-J

Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	09/06/08 B5164	FIRST ISSUE		

SCALE 2:1	SHEET 1 OF 1
DRAWN	D.ARROWSMITH
APPROVED	
DERIVED FROM	
TITLE 2 PISTON CALIPER	
DRG NO.	CP3176-1CD



PAD FAMILY CP2399
PAD AREA - 27.38 cm²
PAD VOLUME - 28.75 cm³