

INSTALLATION DRAWING

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FIRST ANGLE PROJECTION

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GENERAL DESCRIPTION:
6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø355 x 32 IRON DISC

APPLICATION:
RALLY RAID + OTHER RALLY APPLICATIONS

TECHNICAL INFORMATION:
TOTAL PISTON AREA: 501 cm²
PISTON MATERIAL: STAINLESS STEEL
BODY MATERIAL: ALUMINIUM ALLOY
ASSEMBLY WEIGHT: 3.0KG

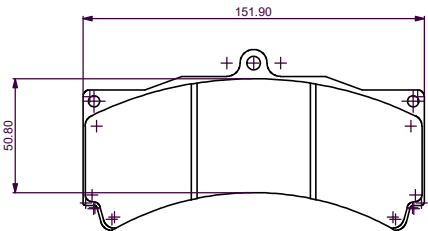
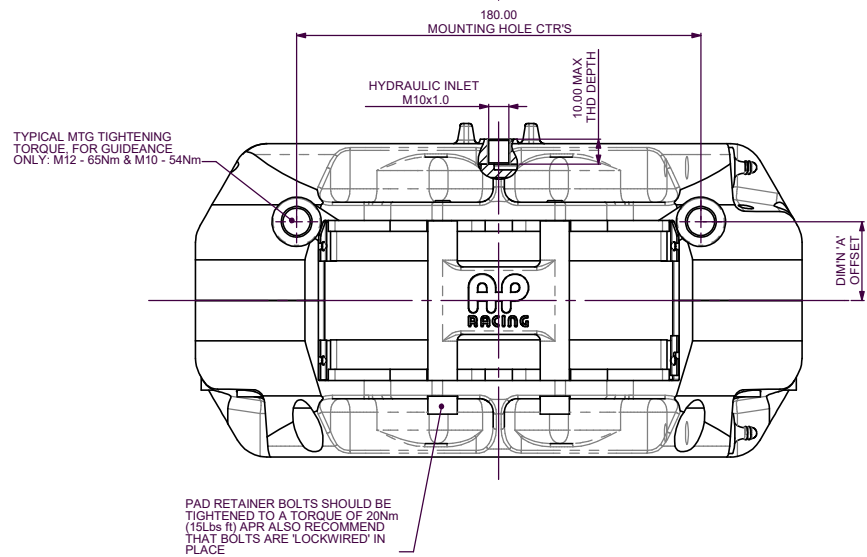
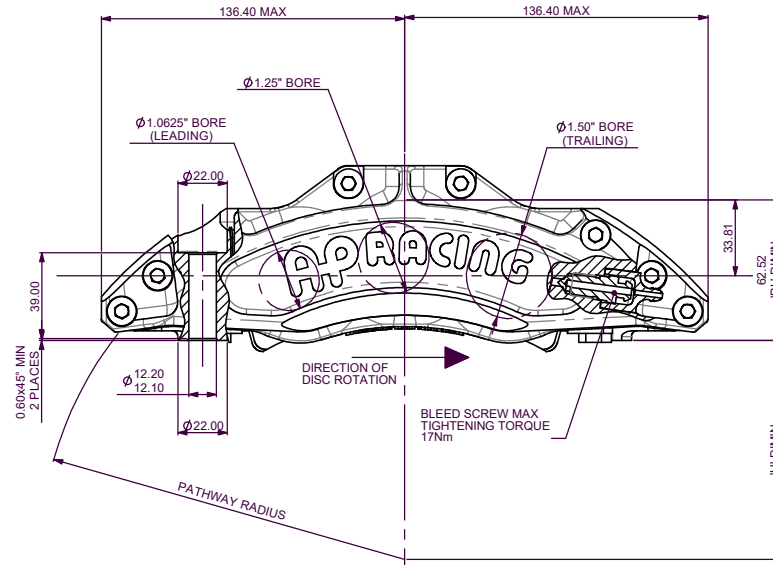
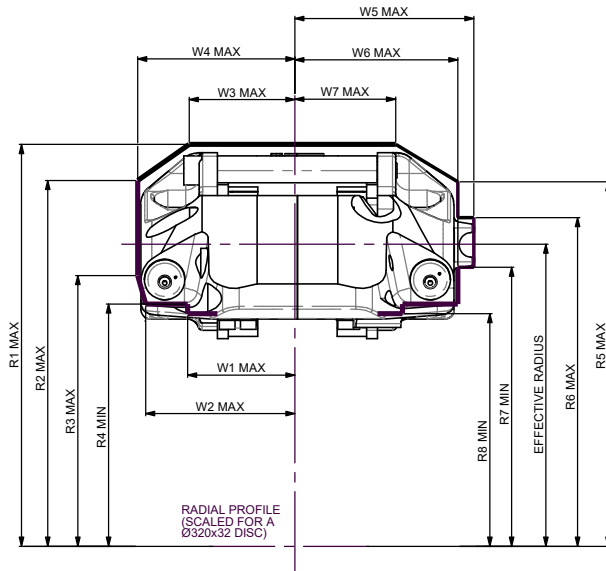
INSTALLATION INFORMATION:
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm.
CALIPER TO BE MOUNTED WITHIN ±15° FROM VERTICAL.
DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOM. FROM DISC O.D. TO PATHWAY.
BLEED SCREW MAX. TIGHTENING TORQUE 17Nm

KEY TO DIMENSIONS:
'PL': TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE
'U': WHEEL CENTRELINE TO CALIPER MOUNTING BOSSFACE (DISC Ø/2-DIMENSION 'PL')

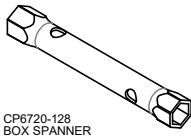
CALIPER PART NUMBERS:
CP6750-10S4L - RIGHT HAND TRAILING (BEHIND AXLE)
CP6750-11S4L - LEFT HAND TRAILING (BEHIND AXLE)
CP6750-12S4L - RIGHT HAND LEADING (IN FRONT OF AXLE)
CP6750-13S4L - LEFT HAND LEADING (IN FRONT OF AXLE)
CP6750-14S4L - RIGHT HAND TRAILING (BEHIND AXLE)
CP6750-15S4L - LEFT HAND TRAILING (BEHIND AXLE)
CP6750-16S4L - RIGHT HAND LEADING (IN FRONT OF AXLE)
CP6750-17S4L - LEFT HAND LEADING (IN FRONT OF AXLE)

REPLACEMENT SEAL KIT:
SEAL KIT (HIGH TEMP) CP4518-CEJ

Alterations		Date & No.	Particulars	Zone	Initials
1		19/07/06 B4593	FIRST ISSUE		SAT
2		10/09/08	CP6750-14/15/16/17 IN CALIPER DATA TABLE WAS SHOWN AS CP6850		SAT



CP3894 PAD FAMILY
PAD THICKNESS - 18.00MM
PAD AREA - 73.50CM²
PAD VOLUME - 132.30CM³



CP6720-128
BOX SPANNER

BLEEDING

A TOOL SIMILAR TO THAT SHOWN WILL BE REQUIRED TO BLEED THE BRAKES DUE TO THE ENCLOSED BLEED SCREWS. IT IS IMPORTANT THAT THE BOX WRENCH IS HOLLOW TO ALLOW A LENGTH OF BLEED PIPE TO BE INSERTED THROUGH THE TOOL. TOOL MAX. Ø17.50.

CALIPER DATA

PART NO.	DISC WIDTH	DISC Ø	DIM'N 'A'	'U' DIM	PATHWAY RADIUS	EFFECTIVE RADIUS	W1	W2	W3	W4	W5	W6	W7	R1	R2	R3	R4	R5	R6	R7
CP6750-10/11/12/13S4L	32	320	35.00	97.50	162.50	134.50	47.80	66.50	47.10	70.00	79.60	72.50	44.80	178.90	162.80	120.50	107.80	162.30	146.30	124.20
CP6750-14/15/16/17S4L	32	355	38.00	115.00	180.00	152.00	47.80	66.50	47.10	70.00	79.60	72.50	44.80	196.40	180.30	138.00	125.30	179.80	163.80	141.70

SCALE 1:1 SHEET 1 OF 2

DRAWN Steve Thomas

APPROVED

DERIVED FROM

TITLE
6 POT RALLY RAID CALIPER
INSTALLATION DRAWING

DRG NO. cp6750-10cd

