

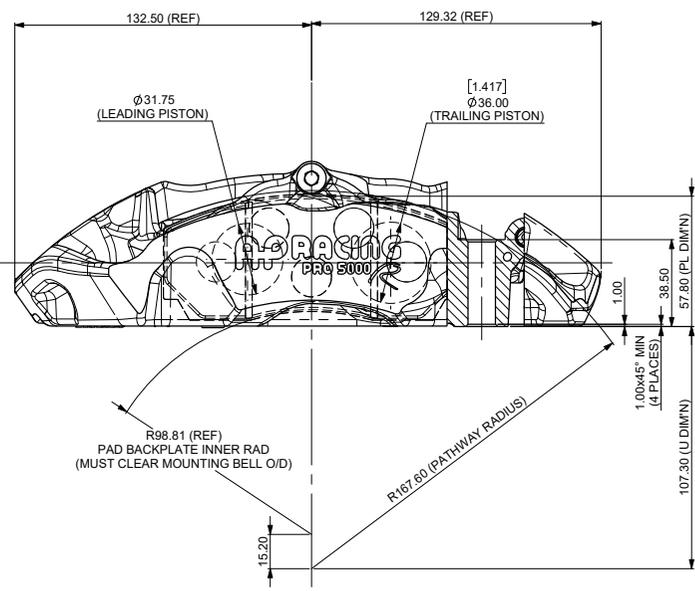
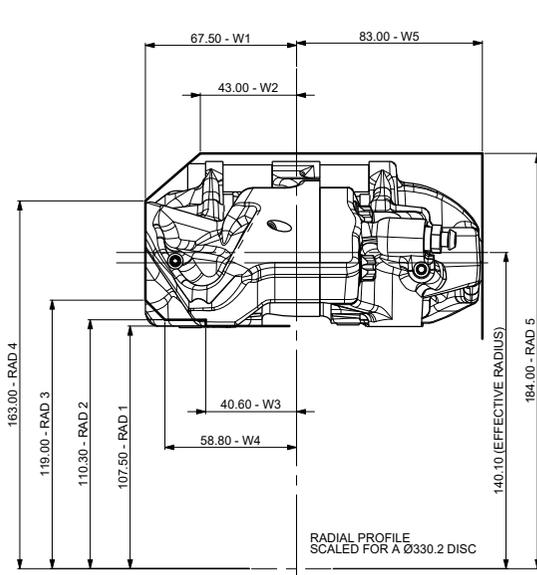
B1 INSTALLATION DRAWING

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FIRST ANGLE PROJECTION

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DISC Ø	EFF RAD	RAD 1	RAD 2	RAD 3	RAD 4	RAD 5	W1	W2	W3	W4	W5
315	132.6	100.00	102.80	111.50	156.75	178.75	67.50	43.00	40.60	58.80	83

GENERAL DESCRIPTION
 4 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO 330.2 x 28 IRON DISC.

APPLICATION
 GENERAL USE CALIPER

TECHNICAL INFORMATION
 TOTAL PISTON AREA: 36.19cm²
 BODY MATERIAL: ALUMINIUM ALLOY
 PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS): 2.2Kg

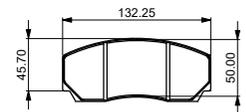
INSTALLATION INFORMATION
 DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm. DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOMINAL FROM DISC O/D TO PATHWAY.

KEY TO DIMENSIONS
 'PL' DIMM : TOP OF PAD MATERIAL TO MOUNTING BOSS FACE, WITH PAD SITTING DOWN ON LEDGE.
 'U' DIMM : WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - PL DIMM

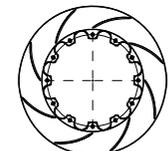
AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION.

CALIPER PART NUMBERS
 CP9441-2S4L - RIGHT HAND
 CP9441-3S4L - LEFT HAND

RECOMMENDED DISC AND PAD OPTIONS AVAILABLE
 D50 DISC AND PAD COMBINATION



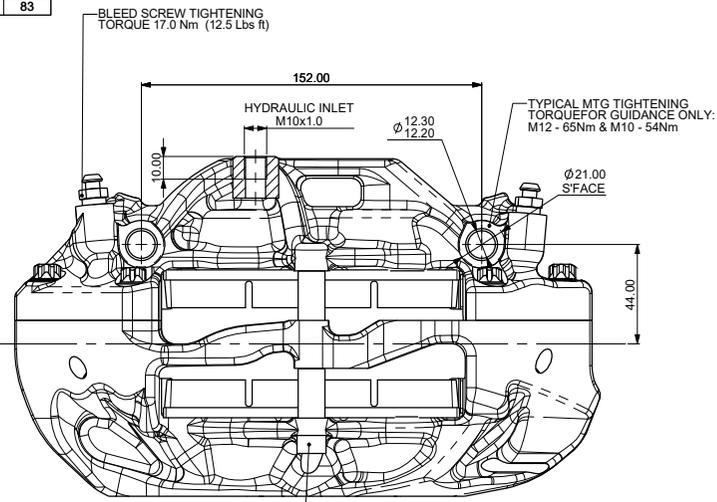
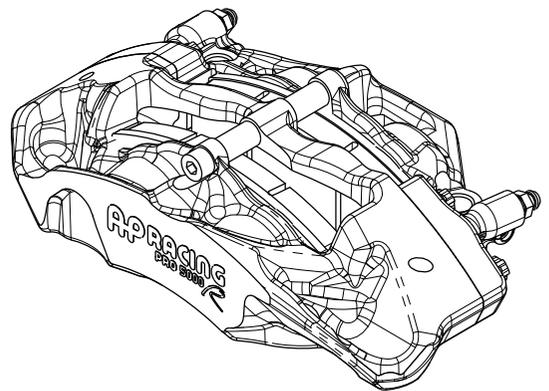
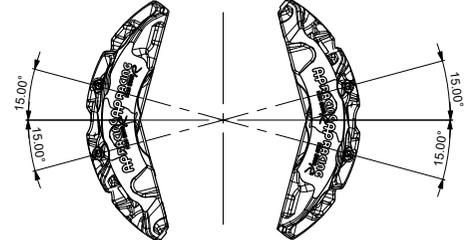
CP3215D50 PAD FAMILY
 PAD AREA - 57.37CM²
 PAD VOLUME - 97.53CM³



CP5000-210/1CG8 Ø330x28 12B 36v 4.94Kg
 CP3580-2898/9CG8 Ø330x28 12B 48v 5.94Kg
 CP5000-220/1CG8 Ø315x28 12B 36v 5.64Kg

SEE CUSTOMER DRAWING FOR FULL DETAIL

OPTIMUM BLEED POSITIONING
 FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE LEADING OR TRAILING POSITION BETWEEN THE ANGLES SHOWN



PAD RETAINING BOLT SHOULD BE TIGHTENED TO A TORQUE OF 19Nm (14Lbs ft)

Rev	Alterations			
	Date & No.	Particulars	Zone	Initials
1	28/04/14 B6957	FIRST ISSUE	#	JH
2	13/11/14 B6957	DISC OPTIONS ADDED	#	CH
3	19/11/14 B6957	RADIAL PROFILE UPDATED RADIAL PROFILE TABLE ADDED DISC OPTIONS UPDATED	#	CH
4	28/05/15 RAC22157	PISTON SEAL KIT UPDATED	#	CH
5	02/08/17 B7726_01	CHANGED TORQUE SPECIFICATION TO PAD RETAINER BOLT	#	SGW
6	21/07/23 RAC23531	SHEET 2 AKB SPRINGS ADDED TO SPARES TABLE AND MODEL		K10HMB

SCALE 1:1	SHEET 1 OF 2
DRAWN JHERITAGE	
APPROVED	
DERIVED FROM CP9440-1CD	
TITLE GENERAL USE 4-PISTON BRAKE CALIPER	
DRG NO. CP9441-1CD	

B1 INSTALLATION DRAWING

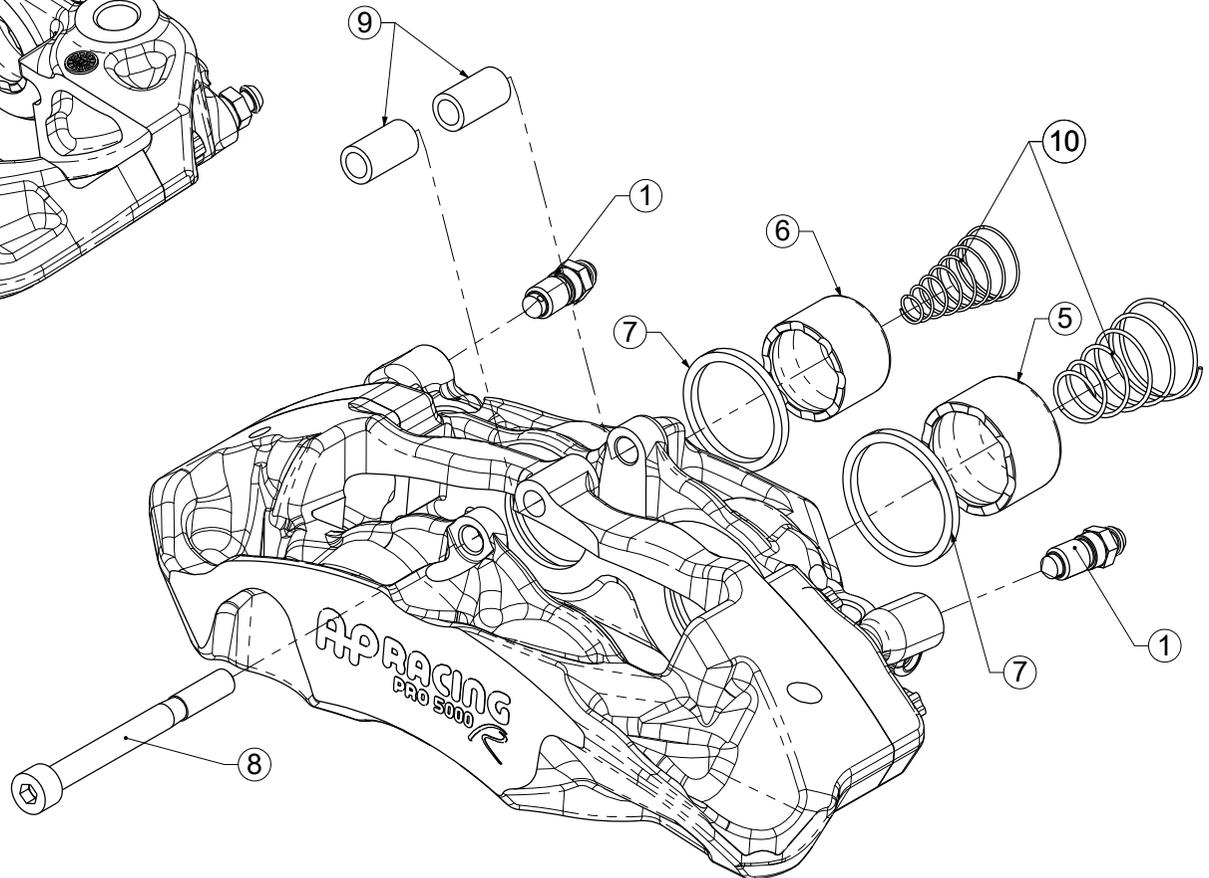
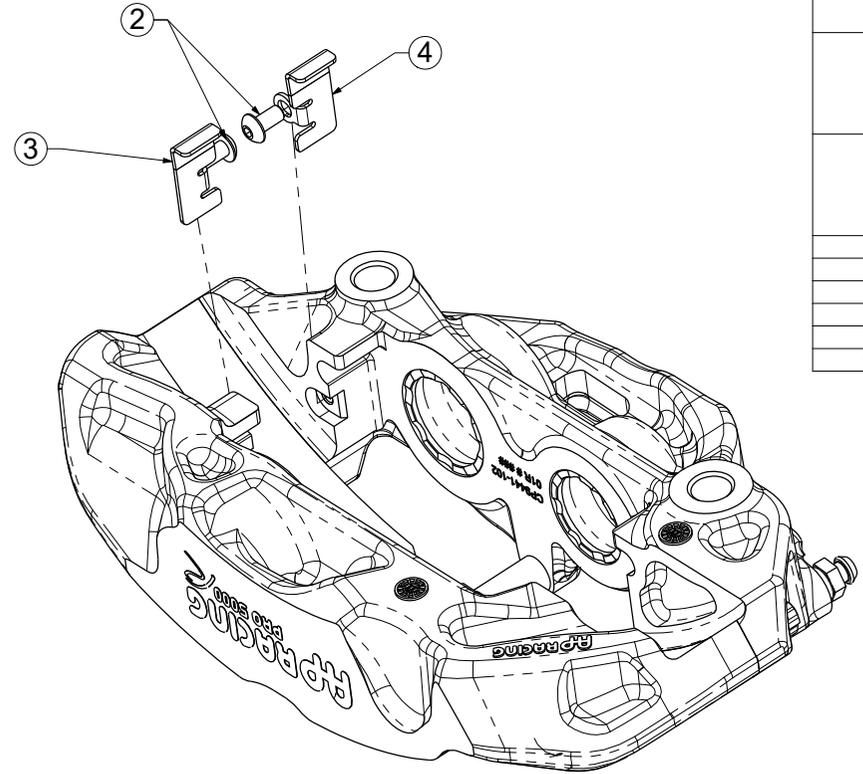
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REF	PART NUMBER	DESCRIPTION	QTY / CALIPER	FITTING NOTES
1	CP3880-1	M10 BLEED SCREW KIT	2	TIGHTENING TORQUE - 17Nm
2	CP9440-116	M5 BUTTON SCREW	2	APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm
3	CP9440-108	RH WEARPLATE	1	APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRE CONTACT FACE IS COVERED.
4	CP9440-109	LH WEARPLATE		APPLY PRESSURE TO ABUTMENT PLATE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP.
5	CP9441-101	Ø1.25" SST PISTON	2	ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREW.
6	CP9440-107	Ø36MM SST PISTON	2	
7	CP8518-EH	PISTON SEAL KIT	1	REFER TO PUBLICATION REF: P14.290 & P14.220
8	CP3796-121ST	M8 CAP SCREW	1	TIGHTENING TORQUE - 13.1Nm
9	CP9440-110	PAD RETAINER TUBE	2	
10	CP6518-4LBSL	4lb AKB SPRING KIT	1	



Rev	Alterations		
	Date & No.	Particulars	Zone / Initials
1		SEE SHEET 1 FOR ISSUE INFORMATION.	

SCALE 1:1 SHEET 2 OF 2

DRAWN JHERITAGE

APPROVED

DERIVED FROM #

TITLE
**GENERAL USE 4-PISTON
 BRAKE CALIPER**

DRG NO. CP9441-1CD