86.0 - W1

R25

R216.0 - R4 R194.0 - R3

55.0 - W2

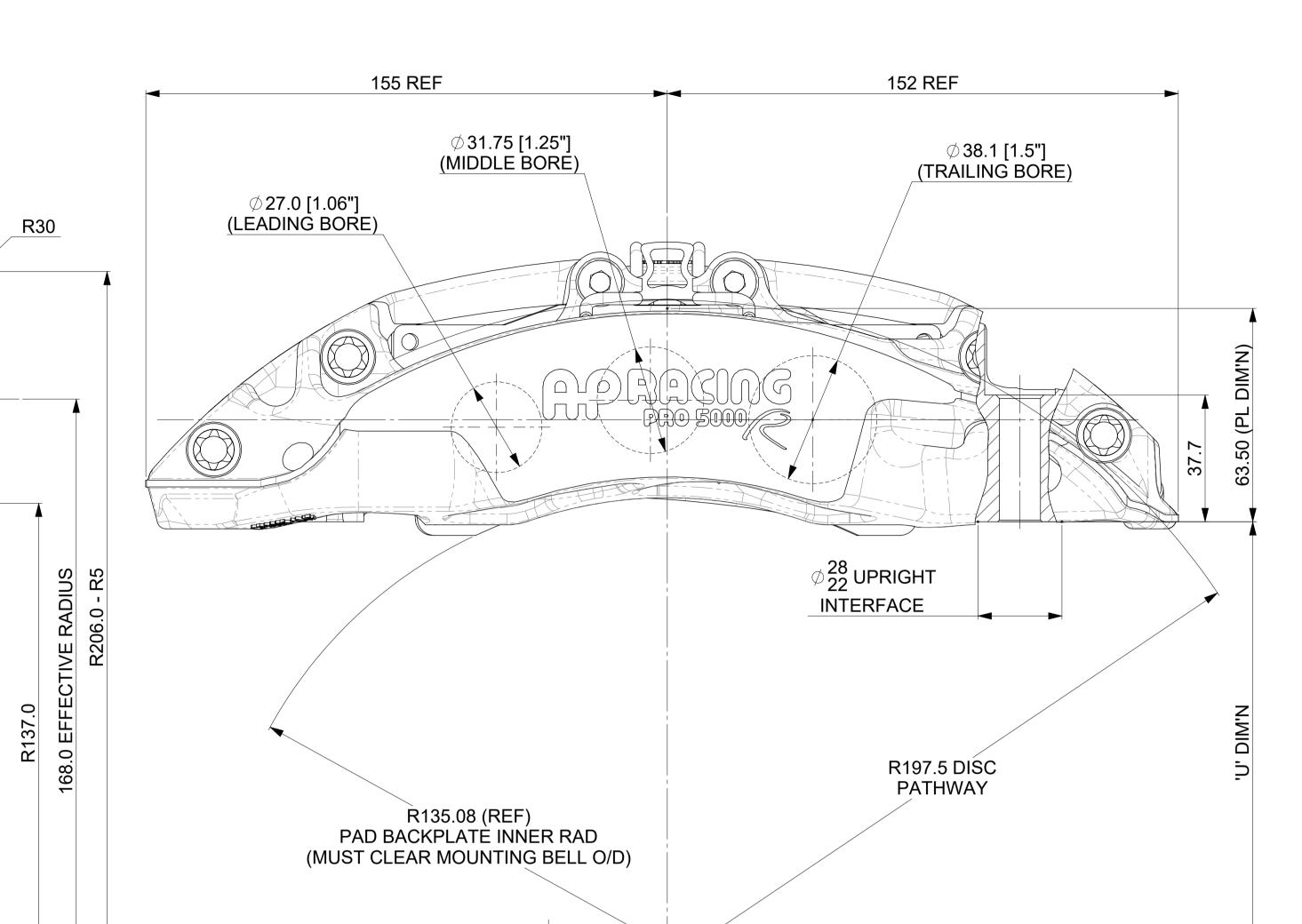
50.0 - W3

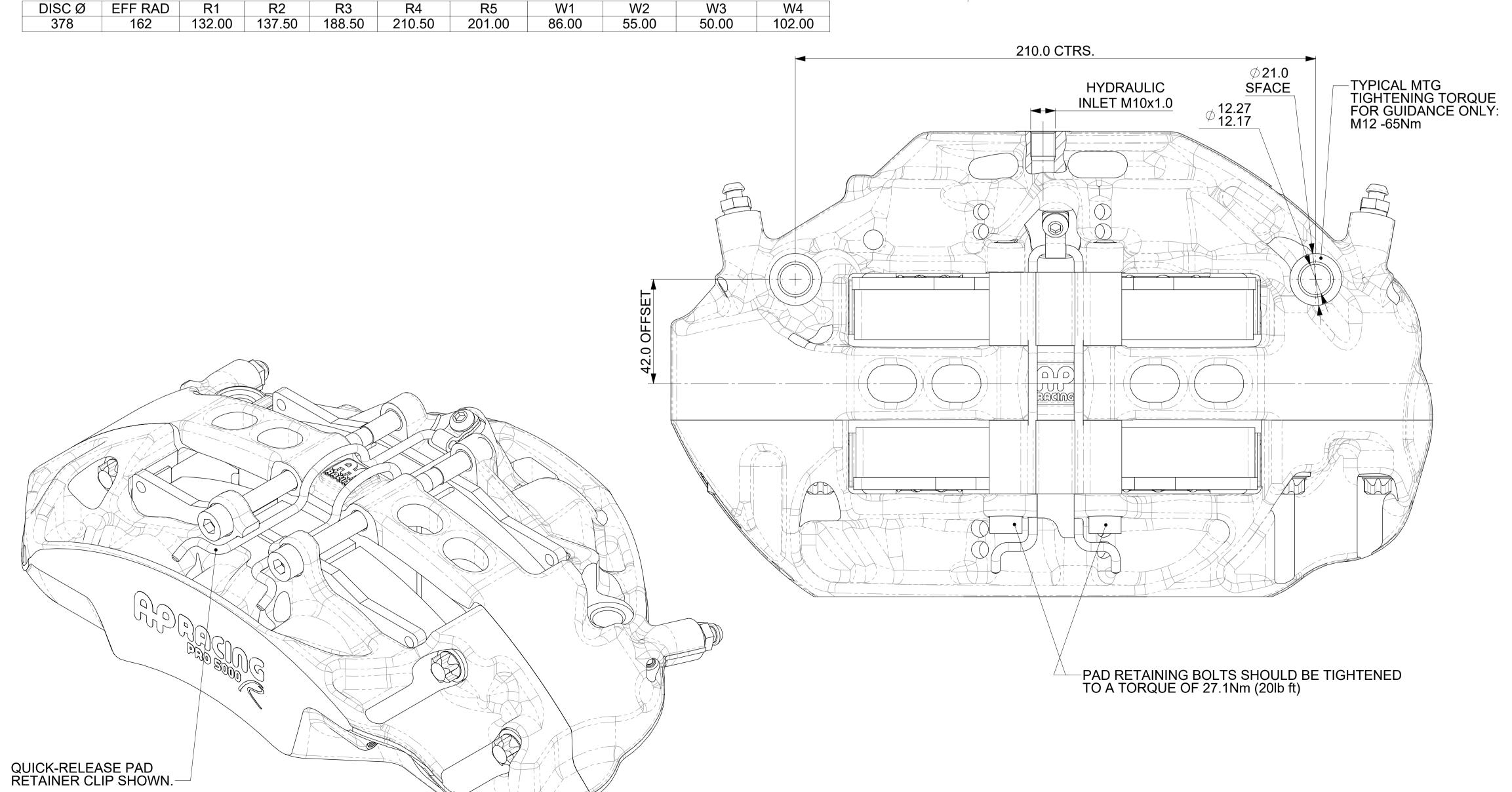
102.0 - W4

RADIAL PROFILE TO SUIT A Ø390 DISC

♀ DISC & WHEEL

40.0





GENERAL DESCRIPTION

6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO A Ø 390mm x 35.56mm MAX / 32mm MIN THICK IRON DISC. PADS ARE RETAINED BY A BOLTED RETAINER, WITH A QUICK-RELEASE SPRING CLIP SUPPLIED FOR USE IN EVENTS WHEN FAST PAD CHANGES ARE REQUIRED.

APPLICATION

GENERAL USE CALIPER

TECHNICAL INFORMATION TOTAL PISTON AREA: 50cm² **BODY MATERIAL: ALUMINIUM ALLOY**

PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS, BOLTED PAD RETAINER): 3.1Kg

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' DIMN: TOP OF PAD MATERIAL TO MOUNTING BOSS FACE. 'U' DIMN: WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - PL DIMN

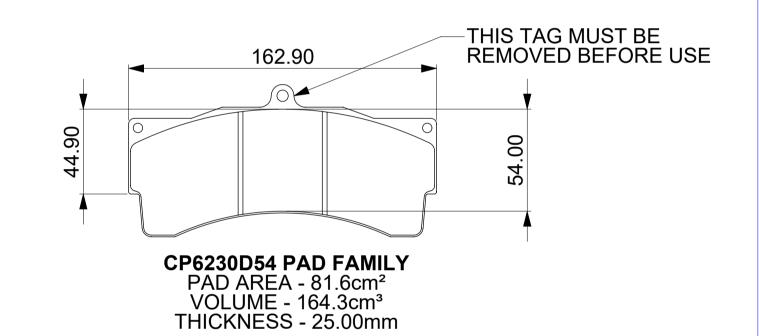
CALIPER PART NUMBERS CP9665-2S7L - RIGHT HAND

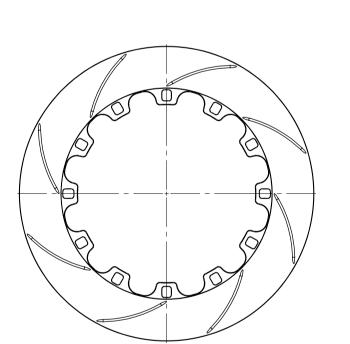
CP9665-3S7L - LEFT HAND

EXAMPLE PART # - CP9665-2 S (SIDE FEED) 7 (7lb AKB SPRINGS) L (STAINLESS PISTONS).

THE CORRECT PAD FAMILY FOR THIS CALIPER IS CP6230D54. PADS SHOULD BE ORDERED SEPERATELY.

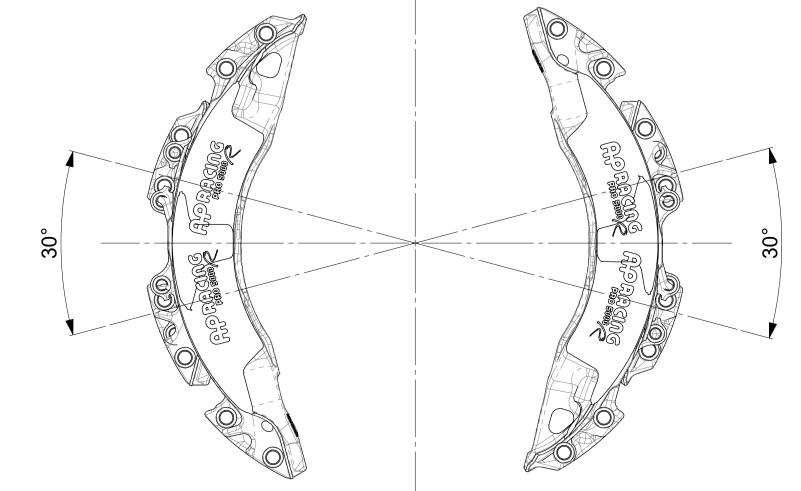
RECOMENDED DISC AND PAD OPTIONS AVAILABLE D54 DISC AND PAD COMBINATION





CP4284-134/5CG8 Ø390x36 12F 84v 8.7Kg **CP5772-1030/1CG8** Ø378x32 12f 72v 7.2Kg

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



AP Racing Wheler Road Coventry CV3 4LB Tel: +44 024 7663 9595 Fax: +44 024 7663 9559 e-mail: sales@apracing.co.uk

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	Issue No.	Alterations		ne	Initials
		Date & No.	Particulars	Zone	Init
	1	24 JUN 14 B7060	FIRST ISSUE	#	JT
	2	9 JUL 14 B7060	7lb AKB SPRINGS WERE 4lb.	#	JT
	3	25 JUL 14 B7060	DRAWING NUMBER CORRECTED.	#	JT
	4	18 SEPT 14 B7060	32mm MINIMUM DISC OPTION ADDED	. #	JT
	5	13/11/14 B7060	DISC AND PAD OPTIONS ADDED CP9665-12~3 RETAINER KITS ADDED.	#	СН
	6	20/11/14 B7060	RADIAL PROFILE UPDATED RADIAL PROFILE TABLE ADDED DISC OPTIONS UPDATED	#	СН
	7	13/01/15 B7060	SPARES LIST UPDATED TO INCLUDE CORRECT WEAR PLATES	#	СН
	8	14/01/15 B7060	NOTE FOR PAD TAG REMOVAL ADDED. GRAPHICAL CHANGE TO MOUNTING BOSS AREA.	#	СН
	9	13/09/16 B7623	MTG. HOLE DIA. CORRECTED FROM 12.3/12.2, NOW 12.27/12.17	#	СН
	10	17/07/2017 B7726_01	ADDED TORQUE SPECIFICATIONS TO PAD RETAINING BOLTS	C10	SGW
	11	24/08/23 RAC23531	SHEET 2 AKB SPRINGS ADDED TO SPARES TABLE AND MODEL	K10	НМВ
	12	28/08/2025 WF-004236	SHEET 2: CORRECTED PAD RETAINER ERROR IN SPARES TABLE, PART NUMBER CHANGED FROM CP9665- 119 TO CP9665-121A	N9	JSD

SHEET 1 OF 2 SCALE 1:1 Jon Tait **APPROVED** DERIVED FROM TITLE 6 POT PRO5000 R CALIPER INSTALLATION

DRG NO. | CP9665-1CD

N:\SolidWorks\Customer\CP9665-1CD.slddrw Last Saved: Josh.Dawe on 01 September 2025 09:41:58 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 AP RACING LTD. **INSTALLATION** AP Racing Wheler Road Coventry CV3 4LB Tel: +44 024 7663 9595 Fax: +44 024 7663 9559 CP9665-2/3S7L SPARES PAD RETAINER KIT - CP9665-12 e-mail: sales@apracing.co.uk © AP Racing Ltd. 2014 Web site: HTTP://www.apracing.com DESCRIPTION QTY PART NO. DESCRIPTION PART NO. REF FITTING INSTRUCTIONS ASSY Alterations PAD RETAINER CP9665-121A 8a Ø1.06 SST PISTON 33.1 **Particulars** 2 CP9665-114 LONG 8b M8 CAP SCREW CP3715-117ST SEE SHEET1 FOR ISSUE INFORMATION. Ø1.25 SST PISTON 33.1 CP9665-115 Ø1.5 SST PISTON 33.1 CP9665-116 LONG QUICK RELEASE RETAINER KIT - CP9665-13 CP8518-CEJ SEAL KIT (6 SEALS) REFER TO PUBLICATION REF: P14.290 & P14.220 PART NO. DESCRIPTION CP3880-1 **BLEED SCREW KIT** TIGHTENING TORQUE - 17Nm PAD RETAINER CLIP CP9665-118 9a 9b RETAINER HINGE CP6268-110 APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST M5 BUTTON SCREW CP9440-116ST THREAD WHEN FITTING. CP3160-106ST 9с SCREW M6x12 TIGHTENING TORQUE - 3.7Nm APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRING ENTIRE CONTACT FACE IS COVERED CP9665-112 APPLY PRESSURE TO ABUTMENT PLATAE WHEN FITTING TO ENSURE MINIMUM FILM PAD WEAR PLATE THICKNESS AND AVOID ANY GAP CP9665-113 LH ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREWS CP6518-7LBSSL 7Lb AKB SPRING KIT (8a) (8b) SHEET 2 OF 2 SCALE 1:5 APPROVED DERIVED FROM # TITLE DRG NO. CP9665-1CD