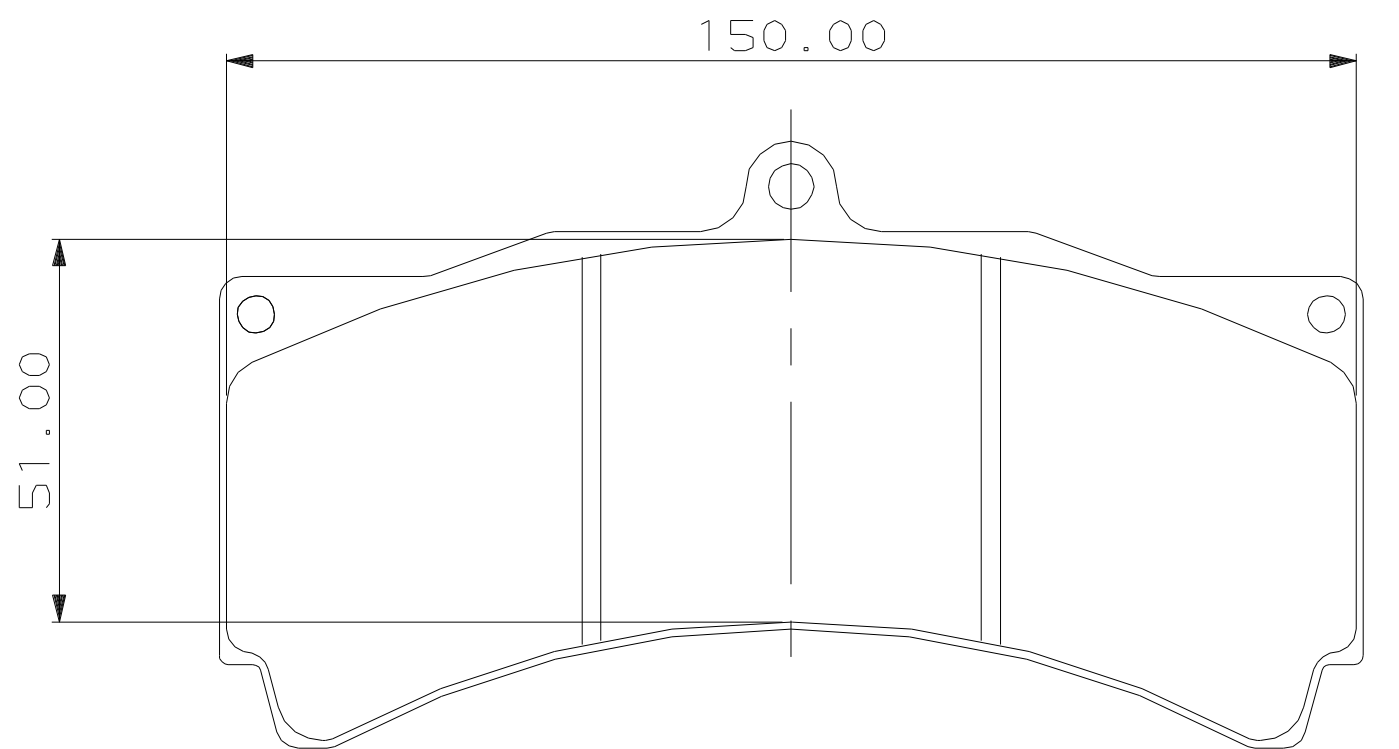


CALIPER RADIAL PROFILE TO SCALE FOR A Ø362.0X35.56 DISC



CP3894 PAD FAMILY  
 PAD THICKNESS = 18.00 mm  
 PAD AREA = 76.30 sq.cm  
 PAD VOLUME = 100.10 cu.cm

**SPECIFICATION NOTES**  
 WEIGHT LESS PADS 2.80Kg (ESTIMATED)  
 ALL HYDRAULIC THREADS M10 X 1.0 UNLESS

**KEY TO DIMENSIONS-**  
 DIMENSION 'PL' TOP OF PAD MATERIAL TO MOUNTING HOLE BOSS FACE WITH PAD SITTING DOWN ON LEDGE.  
 DIMENSION 'C' OFFSET - DISC CENTRE LINE TO MOUNTING HOLE CENTRE LINE.  
 DIMENSION 'D' MOUNTING HOLE CENTRES.  
 DIMENSION 'H' MOUNTING HOLE DIAMETER.  
 DIMENSION 'U' WHEEL CENTRE TO CALIPER MOUNTING HOLE BOSS FACE.  
 (DISC DIAMETER/2) - 'PL' DIMENSION

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

1. SELECT ASSEMBLY FROM TABLE.  
 2. SELECT SUFFIX CHARACTERS AS FOLLOWS-  
 1st CHARACTER- 'S' DENOTES POSITION OF INLET ADAPTOR ('S' FOR SIDEFEED).  
 2nd CHARACTER- '0', '4' OR '7' DENOTES THE LOAD OF ANTI KNOCK BACK SPRINGS FITTED.  
 '0' NO SPRINGS,  
 '4' 4lb (17.8N) SPRINGS,  
 '7' 7lb (31.0N) SPRINGS FITTED LOAD.  
 3rd CHARACTER- 'L' DENOTES PISTON MATERIAL. ('L' FOR STEEL)

SHOULD PISTONS BE INADVERTANTLY REMOVED, THEY SHOULD BE WIPED CLEAN AND SMEARED WITH AP RACING BRAKE FLUID BEFORE REPLACEMENT.

3. THE CORRECT PAD FAMILY NUMBER FOR THIS CALIPER IS CP3894. PADS SHOULD BE ORDERED SEPARATELY. A WIDE VARIETY OF MATERIALS ARE AVAILABLE:- PLEASE CONTACT A.P. RACING FOR ADVICE.

EXAMPLE PART NUMBER - CP5555-81054

**CALIPER IDENTIFICATION CHART**

RHT	RIGHT HAND TRAILING	BEHIND AXLE
LHT	LEFT HAND TRAILING	BEHIND AXLE
RHL	RIGHT HAND LEADING	IN FRONT OF AXLE
LHL	LEFT HAND LEADING	IN FRONT OF AXLE

CALIPER ASSY FAMILY No	STROKE No				DISC DIA Ø	DISC WIDTH DIM 'E'	DIMN 'C'	DIMN 'H'	DIMN 'D'	DIMN 'PL'	REMARKS & APPLICATION
	L	T	L	T							
CP5555-802	803	804	805	362.0	35.56	55.00	12.10	152.00	62.50		
CP5555-806	807	808	809	350.0	32.00	53.20	12.10	152.00	62.50		
CP5555-810	811	812	813	362.0	32.00	46.00	12.10	180.00	62.50		
CP5555-814	815	816	817	362.0	32.00	53.20	12.10	152.00	62.50		
CP5555-826	827	828	829	378.0	32.00	46.00	12.10	180.00	62.50		
CP5555-830	831	832	833	378.0	35.56	55.00	12.10	152.00	62.50		
CP5555-834	835	836	837	350.0	35.56	55.00	12.10	152.00	62.50		

**RADIAL PROFILE CHART.**

CALIPER ASSY FAMILY No	DISC Ø	EFF RAD	RAD				W			
			RAD 1	RAD 2	RAD 3	RAD 4	W 1	W 2	W 3	W 4
CP5555-802/803/804/805	Ø362.0	155.85	125.0	128.0	183.5	205.5	81.5	80.0	60.5	60.7
	Ø355.0	152.45	121.5	124.5	180.5	203.0	81.5	80.0	60.5	60.7
CP5555-806/807/808/809	Ø350.0	150.00	119.5	122.0	178.0	195.5	79.8	78.3	58.8	59.0
	Ø343.0	146.68	116.0	118.5	174.5	193.5	79.8	78.3	58.8	59.0
CP5555-810/811/812/813	Ø362.0	155.85	125.0	128.0	183.5	205.5	79.8	78.3	58.8	59.0
	Ø355.0	152.45	121.5	124.5	180.5	203.0	79.8	78.3	58.8	59.0
	Ø343.0	146.68	116.0	118.0	172.0	198.0	79.8	78.3	58.8	59.0
CP5555-814/815/816/817	Ø362.0	155.85	125.0	128.0	183.5	205.5	79.8	78.3	58.8	59.0
	Ø355.0	152.45	121.5	124.5	180.5	203.0	79.8	78.3	58.8	59.0
	Ø330.0	140.40	109.0	112.0	168.5	194.5	79.8	78.3	58.8	59.0
CP5555-826/827/828/829	Ø378.0	163.60	133.0	136.0	191.5	213.5	79.8	78.3	58.8	59.0
CP5555-830/831/832/833	Ø378.0	163.60	133.0	136.0	191.5	213.5	81.5	80.0	60.5	60.7
CP5555-834/835/836/837	Ø355.0	152.45	121.5	124.5	180.5	198.0	81.5	80.0	60.5	60.7
	Ø343.0	146.68	116.0	118.0	172.0	193.0	81.5	80.0	60.5	60.7

UNLESS OTHERWISE STATED:  
 DIMENSIONAL TOLERANCES  
 ANGULAR TOLERANCES  
 MAX SURFACE FINISH: BY ANY METHOD ON MACHINED SURFACES WITHOUT MATERIAL REMOVAL

DIMENSIONS IN MILLIMETERS DRAWING TO B.S.308. THREADS TO B.S.3643 PT2(MEL110). REMOVE BURRS.

TITLE

±0.25  
 ±0°30'

✓ = μm (Ra)  
 ✓ = μm (Ra)  
 ✓ = μm (Ra)

SHEET NO. 27  
 SIZE 1.5" x 40"

SCALE FULL

TRANSLATION SHEET NO(S)

SHEET NO. TOTAL 1 of 1

GENERATED FROM X

TITLE 1.5" / 1.25" / 1.0625" RADIAL MTG CALIPER - WIPER SEALS. INSTALLATION DRG.

PART NO. CP5555-1

GROUP PART NO.

ISSUE NO.	DATE & NO.	ALTERATIONS	CHK'D
1	23/09/97 R0116	FIRST ISSUE	
2	06/10/97 RAC06750	(N7) 1.06" WAS 1.60"	J5
3	20/10/97 RAC06783	LOGO DETAILS UPDATED TO SHOW MACHINED CHEVRONS.	J5
4	07/07/98	BLEED SCREW TORQUE WAS 5.5Nm, NOW 17.0Nm	RB
5	07/12/99 R0566	ADDED CP5555-48/49/50/51	TTF
6	12/05/00 R0624	DRAWING CHANGED TO REFLECT NEW CALIPERS	GD
7	27/06/00 R0624	'PL' S CORRECTED. 62.50 WAS 63.50	GD
8	14/03/02	Ø362 PROFILE ADDED TO -814-7 PROFILE CHART	GD
9	24/09/02 RAC10788	Ø378 CALIPER ASSEMBLIES -826/827/828/829 ADDED	DH
10	16/12/02 R1143	Ø343 VERSION OF ASSEMBLY -810/811/812/813 ADDED	DH
	R1117	Ø343 AND 355 CALIPER ASSEMBLIES - 834/835/836/837 ADDED	DH
11	07/08/03	-806/807/808/809 ADDED PROFILE DIM 'N' W4 ADDED	GD
12	22/01/07 R2220	-830/831/832/833 ADDED	RB