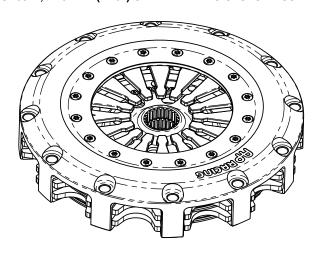
INSTALLATION **DRAWING**

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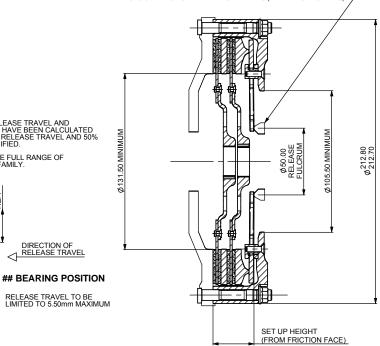
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CP8372, Ø184mm (7.25") CERAMETALLIC CLUTCH ASSEMBLY



RECOMMENDED RELEASE BEARING :-

STEEL CAGED, ROUND NOSED BALL TYPE BEARING TO BE FREE OF SPRING FINGERS WHEN CLUTCH IS FULLY ENGAGED.
CP3457-1 STANDARD RELEASE BEARING (OUTER RACE ROTATES) CP3457-11 HIGH SPEED RELEASE BEARING (INNER RACE ROTATES).—



CP8	372 C	LUTC	H FAN	ИILY		
MAXIMUM DYNAMIC TORQ	UE CAPAC	CITY				
(Nm)	711	785	1016	475	559	735
(ft.lb)	524	579	748	350	411	542
RELEASE LOAD						
Max. Peak Wom (N)	4150	4450	5500	4150	4450	5500
At Travel (N)	2950	3750	4350	2950	3750	4350
WEAR IN (See Note)	1.25	1.25	1.25	1.50	1.50	1.50
Set Up Height New	32.06 29.90	31.80 29.76	31.35 29.20	31.07 29.31	31.49 29.82	31.74 29.98
Set Up Height Worn - MAX	37.29	37.03	36.58	36.91	37.33	37.50
(Set Up Height is caluclated from the flywheel friction face.)						
Release Ratio	4.13	4.13	4.13	3.30	3.30	3.30
Estimated Assembly Mass (Inc. 4 paddel driven plate) = 3.63 Kg						
Estimated Assembly Inertia (Inc. 4 paddle driven plate) = 0.02151 Kgm²						
Estimated Driven Plate Inerti	a (4 paddl	e driven pla	te) = 0.003	3929 Kgm ²		

PERFORMANCE SUFFIX	OE	CE	TE	ОН	СН	TH
For Reference						
Diaphragm Spring Rate	ORA	CRV	TGY	ORA	CRV	TGY
Clutch Ratio	EHR	EHR	EHR	HIR	HIR	HIR

MATERIAL	DRIVE PLATE	DRIVE PLATE	
SUFFIX	MATERIAL	THICKNESS	
81	CERAMETALLIC	6.00mm	

FLYWHEEL TYPE					
	SUFFIX	COMMENTS			
FLAT FLYWHEEL	FF	FOR INSTALLATION DATA SEE SHEET 2			
STEPPED FLYWHEEL	SF	FOR INSTALLATION DATA SEE SHEET 2			

Sample AP Racing Part No.

CP8372-CH81-SF

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THIS CLUTCH HAS BEEN DESIGNED FOR THE WEAR IN INDICATED ABOVE, DRIVEN PLATE THICKNESS NEW: 6.00mm Nominal

DRIVEN PLATE THICKNESS WORN (for 1.25 wear in (EHR)): 5.31mm Minimum

DRIVEN PLATE THICKNESS WORN (for 1.75 wear in (HIR)): 5.06 mm Minimum

FOR DRIVEN PLATE DETAILS SEE SHEET 3

O NO لىس RAGING AP Racing Wheler Road Coventry CV3 4LB

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(C)	AP Racing Lti	d. 2005 Web site: http://www.aprac	ing.co	mc	ı
ar.		Alterations	Zone	Initials	ļ
Date & No.		Particulars		Ξ	ľ
1	14/07/08 C3449	FIRST ISSUE		JG	
2	11/12/09	RELEASE LOAD UNIT CORRECTION - SHEET 1	#	JG	ŀ
3	17/02/10 C3821	NESTED TYPE DRIVEN PLATES (SHEET 3) 27.90 WAS 25.90 7.25 WAS 5.25	#	JG	
4	10/06/10	WEIGHT AND INERTIA CORRECTION	#	JG	ľ
5	29/03/11 C4016	'TH','CH' & 'OH' SPEC'S. WEAR-IN WAS 1.75	#	JG	ļ
6	12/04/11	RELEASE BEARING NUMBERS CP3457-1 WAS -2 CP3457-11 WAS -6	#	JG	

SCALE 1:1 SHEET 1 OF 3 DRAWN Jeremy Govan APPROVED DERIVED FROM cp8032cd / cp8182cd

Ø184mm (7,25") TWIN PLATE **CLUTCH INSTALLATION**

DRG NO. CP8372CD

С	
В	

TO ENSURE ADEQUATE RELEASE TRAVEL AND CLUTCH LIFE THESE LIMITS HAVE BEEN CALCULATED USING AN ADDITIONAL 20% RELEASE TRAVEL AND 50% MORE WEAR IN THAN SPECIFIED.

DIRECTION OF RELEASE TRAVEL

THESE FIGURES COVER THE FULL RANGE OF CLUTCHES IN THE CP8372 FAMILY.