

A1 INSTALLATION DRAWING

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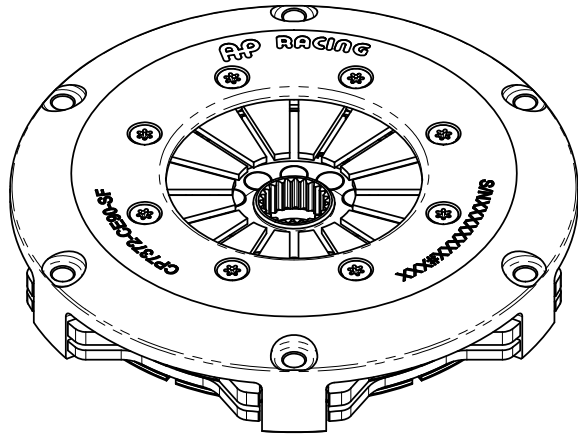


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CP7372, Ø184mm (7.25") SINTERED CLUTCH ASSEMBLY



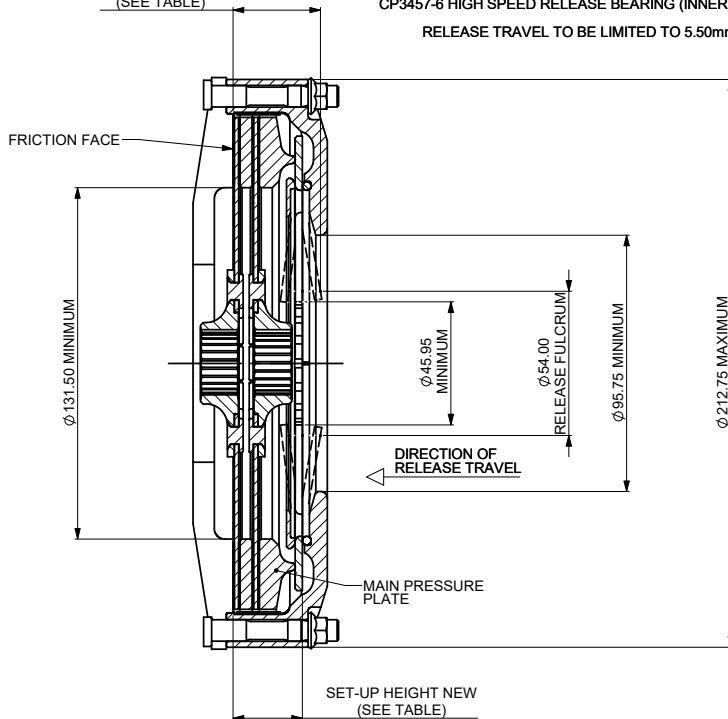
RECOMMENDED RELEASE BEARING:

STEEL CAGED, ROUND NOSED BALL TYPE BEARING TO BE FREE OF SPRING FINGERS WHEN CLUTCH IS FULLY ENGAGED.

CP3457-2 STANDARD RELEASE BEARING (OUTER RACE ROTATES)
CP3457-6 HIGH SPEED RELEASE BEARING (INNER RACE ROTATES).

RELEASE TRAVEL TO BE LIMITED TO 5.50mm MAXIMUM

SET UP HEIGHT
WORN MAXIMUM
(SEE TABLE)



CP7372 CLUTCH FAMILY

MAXIMUM DYNAMIC TORQUE CAPACITY

(Nm)	848	532	327		
(ft.lb)	625	392	241		

RELEASE LOAD

Max. Peak New (N)	3500	2400	1600		
Max. Peak Worn (N)	4400	3300	2200		

WEAR IN (See Note)	0.75	0.75	0.75		
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Set Up Height New	28.76	29.55	28.73		
	26.00	26.77	25.97		
Set Up Height Worn - MAX	31.97	32.76	31.95		

(Set Up Height is calculated from the flywheel friction face.)

Release Ratio	4.10	4.10	4.10		
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Estimated Assembly Mass (Excluding Driven Plates) = 2.75 Kg

Estimated Assembly Inertia (Excluding Driven Plates) = 0.0177Kgm²

Estimated Driven Plate Inertia - See Sheet 3

PERFORMANCE SUFFIX

	CE	OE	NE		
For Reference					
Diaphragm Spring Rate	CRV	ORA	GRN		
Clutch Ratio	EHR	EHR	EHR		

MATERIAL SUFFIX

	DRIVE PLATE MATERIAL	DRIVE PLATE THICKNESS		
90	SINTERED	2.63mm		

FLYWHEEL TYPE

	SUFFIX	COMMENTS
FLAT FLYWHEEL	FF	N/A
STEPPED FLYWHEEL	SF	FOR INSTALLATION DATA SEE SHEET 2

Sample AP Racing Part No.

CP7372-CE90-SF

WEAR IN

THIS CLUTCH HAS BEEN DESIGNED FOR THE WEAR IN INDICATED ABOVE,

DRIVEN PLATE THICKNESS NEW: 2.63mm NOMINAL

DRIVEN PLATE THICKNESS WORN: 2.26mm MIN

DRIVEN PLATES - SEE SHEET 3

Issue No.	Alterations			Zone	Initials
	Date & No.	Particulars			
	FOR ALL ISSUE RECORDS PRE-SEE ARCHIVE COPY			13	
5	19/09/14 C4778	DRAWING UPDATED TO CURRENT STANDARD SUH CHANGES (AS NOW MEASURED FROM FRICTION FACE NOT FLYWHEEL STEP) CE ASSEMBLY: 28.76 WAS 31.31, 26.00 WAS 28.48, 31.97 WAS 34.33 OE ASSEMBLY: 29.55 WAS 32.06, 26.77 WAS 29.20, 32.76 WAS 35.08 NE ASSEMBLY: 28.73 WAS 31.59, 25.97 WAS 28.77, 31.95 WAS 34.61		#	bcB
6	02/04/15	CP2567-33FM3 AND -34FM3 ADDED TO SHEET 3		#	JG
7	25/10/18	DRIVE PLATES UPDATED PICTORIALY		#	BJP
8	21/04/21 RAC23405	SHEET 3: DRIVE PLATE PART NUMBERS UPDATED: CP2012-171FM3 WAS CP2012-165FM3 CP2012-199FM3 WAS CP2012-165FM3		#	bcB

SCALE 1:1	SHEET 1 OF 3
DRAWN	DAVID CONSTABLE-BERRY
APPROVED	
DERIVED FROM	CP7972CD
TITLE	Ø184mm (7.25") TWIN PLATE CLUTCH INSTALLATION
DRG NO.	CP7372-1CD