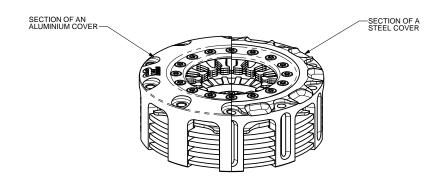
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FIRST ANGLE **PROJECTION**

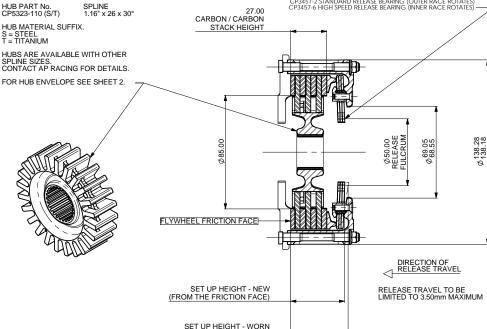
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CP8153 - Ø115mm (4.5") PUSH TYPE CARBON / CARBON CLUTCH ASSEMBLY.



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)



(FROM THE FRICTION FACE)

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11/10/07 PRESSURE PLATE KIT
CONTENTS MODIFIED INLINE
WITH WEAR IN CHANGE.

29/10/07 Ø56.75 MIN, 3.30 MIN, 34.25 MAX, AND 0.10 MAX ADDED. Ø132.32/138.29 (OPTIONAL) ADDED. 8 25/03/08 GEAR RING LOCATION DETAIL # C3373 ADDED (STEEL COVER) 03/11/08 C3522 C3522 C98153-15SS, -16SS AND -17SS ADDED. 'SS' ADDED TO CURRENT KITS -9 AND -10

6 24/10/07 CP8153-DE03-SN ADDED.

RELEASE LOADS: SE
4950N WAS 470daN
4050N (Max. Peak New) WAS
340daN (At Travel)
RELEASE LOADS: DE
5750N WAS 550daN.
4700N (Max. Peak New) WAS
400daN (At Travel)

C3232

9

TORQUE CAPACITY				0	AP Racing L	d. 2013 Web site: http://www.aprae	cing.c	om	ı
(Nm)	848	758		9		Alterations	е	nitials	į.
(ft.lb)	625	559		Issue	Date & No.	Particulars	Zo	<u>ni</u>	ľ
(Kins)				1	19/12/05 C2803	FIRST ISSUE	#	JG	
RELEASE LOAD				2	24/01/06	CUSHION PRESSSURE PLATE	#	JG	ı
Max. Peak Worn (N)	5750	4950		^	24/01/00	SECTION, CUSHION	"	"	Ī
Max. Peak New (N)	4700	4050				PRESSURE PART No.'S AND KITS DELETED.			ı
						TORQUE CAPACITIES : 758 WAS 884			ı
WEAR IN (See Note)	0.50	0.50				1014 WAS 848			k
,,			,	3	02/08/07 C3196	CP8153-SE03-SN AND STEEL COVER VIEW ADDED.	#	JG	ı
Set Up Height New	40.74	40.34		4	10/10/07	WEAR IN WAS 0.75	#	JG	ı
Oct Op Holgilt New	39.54	39 14	I	11 '	C3232	1			ı

Release Rallo	3.40	3.40					
	Titainium Cover						
Assembly Mass	1.60 kg	2.06 kg	n/a				
Assembly Inertia	n/a						
Estimated Driven Plate & STL Hub Inertia = 0.00061 kgm²							

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

CP8153 CLUTCH FAMILY

MAXIMUM DYNAMIC

Set Up Height Worn

PERFORMANCE	D.F.	0.5		l			SS' ADDED TO CURRENT KITS -9 AND -10
SUFFIX	DE	SE		П	10	C3555 05/01/09	DIAPHRAGM FIXING CHANGED TO LATEST
			,			05/01/05	METHOD. STEEL COVER SECTION
For Reference				lŀ	44	28/11/13	REDRAWN TO LASTEST
Diaphragm Spring Rate	GLD	SLV			"	RAC22116	
Clutch Ratio	EHR	EHR					RELEASE LOADS: SE 4950N WAS 470daN 4050N (Max. Reak New) WAS

MATERIAL SUFFIX	COVER MATERIAL	PRESSURE PLATE MATERIAL	CARBON / CARBON TYPE				5750N WAS 550daN. 4700N (Max. Peak New) WAS 400daN (At Travel)
02	ALUMINIUM	STEEL	HEAVY DUTY	1	12		FLAT FLYWHEEL OPTION
03	STEEL	STEEL	HEAVY DUTY			C4953	ADDED

FLYWHEEL TYPE							
	SUFFIX	COMMENTS					
STANDARD FLAT FLYWHEEL	FN	SEE SHEET 2					
STANDARD STEPPED FLYWHEEL	SN	SEE SHEET 2					
FLAT FLYWHEEL WITH CPS	FP	SEE SHEET 2					
STEPPED FLYWHEEL WITH CPS	SP	SEE SHEET 2					

Sample AP Racing Part No. CP8153-DE03-SP

WEAR IN

THIS CLUTCH HAS BEEN DESIGNED FOR THE WEAR IN INDICATED ABOVE, WHICH MUST BE COMPENSATED FOR BY USING PRESSURE PLATE "SHIMS" FROM THE KITS DETAILED BELOW.

THE MAXIMUM CARBON STACK WEAR FOR THIS ASSEMBLY IS 4.00mm

DE & SE - NO	NE CUSHION	DE & SE - CUSHION				
CP8153-9SS		STANDARD KIT 0.50 TO 3.50 - 0.50 Inc.	CP8153-7			
INTERMEDIATE KIT 0.25 TO 3.25 - 0.50 Inc. CP8153-10SS		INTERMEDIATE KIT 0.25 TO 3.25 - 0.50 Inc.	CP8153-8			
LOW KIT 0.25 TO 1.25 - 0.25 Inc.	CP8153-15SS	n/a	n/a			
MEDIUM KIT 1.50 TO 2.50 - 0.25 lnc. CP8153-16SS		n/a	n/a			
HIGH KIT 2.75 TO 3.50 - 0.25 Inc.	CP8153-17SS	n/a	n/a			

SCA	LE 1:1			SHEET 1 OF 2				
DRA'	WN	Je	eremy Gova	n				
APP	ROVED							
DERIVED FROM							В	
TITI	TITLE							
Ø115mm CARBON CARBON								
CLUTCH ASSEMBLY								
		_					A	

CP8153CD

DRG NO.