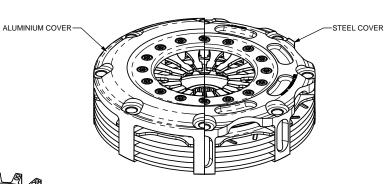
INSTALLATION **DRAWING**

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CP8662 FAMILY, Ø138mm CARBON / CARBON CLUTCH ASSEMBLY WITH A CUSHION PRESSURE PLATE SYSTEM



NOTE - IN THE MAIN TABLE DETAILS ARE CALCULATED FOR A Ø50.00 RELEASE FULCRUM. SEE THE SIDE TABLE FOR SPECIFICATIONS WHEN USING A Ø38.00 RELEASE FULCRUM

> SET UP HEIGHT - SEE CHART (FROM THE FRICTION FACE)

HUB PART No. SPLINE CP5142-102S 1.00" x 23T CP5142-103S 0.875" x 20T OTHER SPLINE SIZES ARE AVAILABLE. PLEASE CONTACT AP RACING FOR DETAILS

SPECIFICATION WHEN USING A Ø38.00

RELEASE FULCRUM

0.50

31.50

flywheel friction face.)

BH NH

5200 4500

4300 3400

34.67 34.27 (Set Up Height is calculated from the

RELEASE LOAD

Max. Peak Worn (N) At Travel (N)

WEAR IN (See Note)

Set Up Height New

Set Up Height Worn

FOR HUB ENVELOPE SEE SHEET 2.

-SEE CP3457 RELEASE BEARING RANGE. 166.04 165.84 AXIAL FLOAT DIRECTION OF RELEASE TRAVEL TYPICAL CUSTOMER FLYWHEEL R1.75 MAXIMUM 21.00 CARBON / CARBON STACK HEIGHT RELEASE TRAVEL TO BE LIMITED TO 4.00mm MAXIMUM

	<u> </u>	<u> </u>	IVIIL Y		
MAXIMUM DYNAMIC					
TORQUE CAPACITY					
(Nm)	487	411			
(ft.lb)	359	303			
RELEASE LOAD					\exists
Max. Peak Worn (N)	5950	5500			
Max. Peak New (N)	5250	4050			
WEAR IN (See Note)	0.50	0.50			
Set Up Height New	32.97	32.57		<u> </u>	
0-4 11- 11-1-14 10/	31.45	31.05			
Set Up Height Worn	34.19	33.79			
(Set Up Height is calcul	ated from t	he flywheel	friction face.)		
	2.41	he flywheel	friction face.)		
	2.41		friction face.) Steel Cover		
Release Ratio	2.41 Aluminiu	2.41	,		
Release Ratio Assembly Mass Assembly Inertia	2.41 Aluminiu 1.8	2.41 im Cover	Steel Cover	n ²	
Release Ratio Assembly Mass	2.41 Aluminiu 1.8' 0.00614	2.41 Im Cover I kg 5 kg.m ²	Steel Cover 2.22 kg 0.007970 kg.n	12	
Release Ratio Assembly Mass Assembly Inertia	2.41 Aluminiu 1.8° 0.00614 and Hub In	2.41 Im Cover I kg 5 kg.m ² ertia = 0.00	Steel Cover 2.22 kg 0.007970 kg.n	12	
Release Ratio Assembly Mass Assembly Inertia Estimated Driven Plate	2.41 Aluminiu 1.8' 0.00614	2.41 Im Cover I kg !5 kg.m²	Steel Cover 2.22 kg 0.007970 kg.n	12	
Release Ratio Assembly Mass Assembly Inertia Estimated Driven Plate PERFORMANCE SUFFIX	2.41 Aluminiu 1.8° 0.00614 and Hub In	2.41 Im Cover I kg 5 kg.m ² ertia = 0.00	Steel Cover 2.22 kg 0.007970 kg.n	12	
Release Ratio Assembly Mass Assembly Inertia Estimated Driven Plate PERFORMANCE	2.41 Aluminiu 1.8' 0.00614 and Hub In	2.41 Im Cover I kg 5 kg.m ² ertia = 0.00	Steel Cover 2.22 kg 0.007970 kg.n	12	

CD8662 FAMILY

MATERIAL SUFFIX	COVER MATERIAL	PRESSURE PLATE MATERIAL	CARBON / CARBON TYPE	
01	ALUMINIUM	STEEL	NORMAL DUTY (S1)	
13	STEEL	STEEL	NORMAL DUTY (S1)	
22	ALUMINIUM	STEEL	MEDIUM DUTY (S6)	
24	STEEL	STEEL	MEDIUM DUTY (S6)	
28	ALUMINIUM	STEEL	MEDIUM DUTY (S9)	
29	STEEL	STEEL	MEDIUM DUTY (S9)	

FLYWHEEL TYPE		
	SUFFIX	COMMENTS
STANDARD FLAT FLYWHEEL	FP	FOR INSTALLATION DATA SEE SHEET 2
STANDARD STEPPED FLYWHEEL	SP	FOR INSTALLATION DATA SEE SHEET 2

Sample AP Racing Part No. CP8662-BH01-SP

WEAR IN

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

THE MAXIMUM CARBON STACK WEAR FOR THIS ASSEMBLY IS 4.00mm

THE MAXIMOM CARBOT CTACK WEART OR THIS ACCEMBET TO 4.00HIII				
SEE SHEET 2 FOR COMPLETE PRESSURE PLATE FULCRUM FITMENT DETAILS			AF	
	BH & NH			DE
STANDARD KIT				TI
0.50 - 3.50 IN 0.50 STEPS	CP8662-6			(
INTERMEDIATE KIT				il I
0.25 - 3.25 IN 0.50 STEPS	CP8662-7			D

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2005	e-mail: engineering@aprac Web site: http://www.apraci	

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	Alterations		ne	tials	ļ
ğ	Date & No.	Particulars	Zo	Init	ľ
	18/01/11 C4025	FIRST ISSUE	#	JG	
	22/03/11 C4025	RELEASE LOADS WERE 4900/4300. RELEASE TRAVEL WAS 3.80 RATIO WAS 2.94	#	JG	
	06/04/11 C4025	NH SPEC AND ALT. Ø38.00 RELEASE FULCRUM SPEC ADDED.	#	JG	к
	22/02/12 C4258	FLAT FLYWHEEL DETAILS ADDED TO SHEET 2	#	JG	
	08/01/13 C4414	DIAPHRAGM SPRING CHANGED TO THE LASTEST FINGER FORM. ALUEINIUM COVER WEIGHT AND INVERTIAS CHANGED INLINE. STEEL COVER DETAILS ADDED. MATERIAL OPTION 27 DELETED. 24, 22 AND 13 ADDED.	#	JG	J
	15/03/13	INSTALLATION WIRE DETAILS ADDED TO THE FLAT FLYWHEEL OPTION	#	JG	ŀ
	12/11/13 C4598	S9 CARBON OPTION ADDED	#	JG	
	10/06/14	"FULCRUM" ADDED TO DATA TABLE	B13	JG	н
	25/11/15 C4940	"WH" SPECIFICATION ADDED	#	JG	
)	18/04/16 C4940	"WH" SPECIFICATION REMOVED	#	JG	ŀ
					G
					F
					H
	. ON	Date & No. 18/01/11 (24025) 22/03/11 (24025) 22/02/12 (24258) 08/01/13 (2414) 15/03/13 12/11/13 (24940) 118/04/16	Date & No. Particulars	Alterations §	Alterations S S S S S

SCALE 1:1 SHEET 1 OF 2 DRAWN Jeremy Govan PPROVED ERIVED FROM cp7902 / CP7142 TITI E

38 CARBON / CARBON **CLUTCH ASSEMBLY**

ORG NO. CP8662CD

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