

A1 INSTALLATION DRAWING

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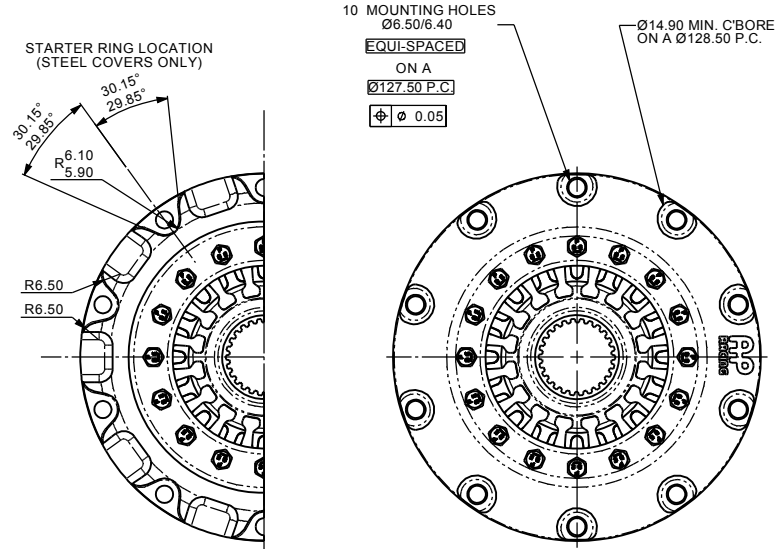


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VIEW SHOWING A STEEL COVER

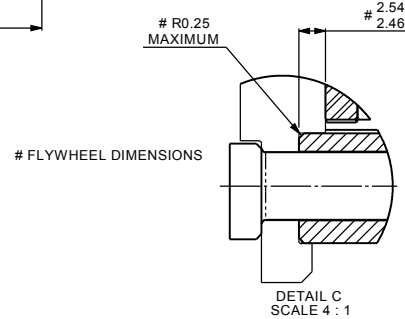
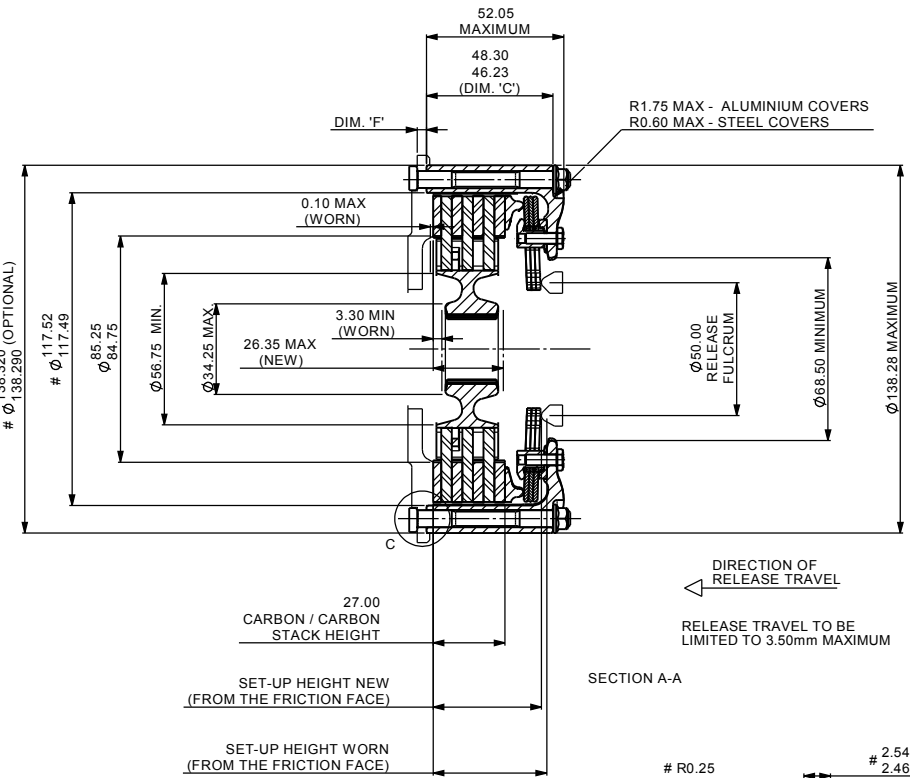
VIEW SHOWING AN ALUMINIUM COVER

RECOMMENDED CLUTCH MOUNTING :
 (FOR ALL TYPES OF ASSEMBLY)
 1/4" UNF, CP4703 FAMILY STUD AND
 K-LOCK NUT.
 TIGHTENING TORQUE : 10Nm (7.5 ft.lb)

LENGTH OF STUD REQUIRED TO BE
 CALCULATED THUS :

STUD LENGTH =
 DIMENSIONS 'C' + 'F' + NUT

THIS CALCULATED LENGTH TO BE ROUNDED
 UP TO THE NEXT AVAILABLE STANDARD STUD
 LENGTH.



		HUB DETAILS		
HUB PART No.	HUB MAT'L	SPLINE DETAILS		
#	#	#		
CP5323-110S	STEEL	1.16" x 26T		

NOTE:
 THIS CLUTCH IS DESIGNED FOR 0.50mm MAX WEAR-IN WHICH MUST BE COMPENSATED FOR BY USING PRESSURE PLATES FROM EITHER OF THE KITS DETAILED ABOVE. MAXIMUM CARBON STACK WEAR IS 4.00mm DURING WHICH **AXIAL HUB FLOAT MUST BE MAINTAINED**

HUB MATERIAL SUFFIX: T = TITANIUM, S = STEEL
 ALUMINIUM HUBS AND PRESSURE PLATES ARE NOT RECOMMENDED.
 HUBS ARE AVAILABLE IN OTHER SPLINE SIZES

CLUTCH ASSY. PART No.	SET UP HEIGHT		RECOMMENDED MAX. DYNAMIC TORQUE CAPACITY Nm (lb/ft)	RELEASE LOAD (daN)		MASS (KG)				INERTIA	
	NEW	WORN		MAX. PEAK WORK	AT TRAVEL	CLUTCH ASSY		CLUTCH ASSY		D/PLATES & HUB.	
CP8153-SE02-SN	40.34 39.14	42.09 (0.50mm WEAR-IN)	758 (APPROX)	470	340	1.59 (ALUMINIUM COVER)	##	0.00365 (ALUMINIUM COVER)	##	0.000691	##
CP8153-DE02-SN	40.74 39.54	42.29 (0.50mm WEAR-IN)	848 (APPROX)	550	400	1.60 (ALUMINIUM COVER)	##	0.00368 (ALUMINIUM COVER)	##	0.000691	##
CP8153-SE03-SN	40.34 39.14	42.09 (0.50mm WEAR-IN)	758 (APPROX)	470	340	2.05 (STEEL COVER)	##	0.005307 (STEEL COVER)	##	0.000691	##
CP8153-DE03-SN	40.74 39.54	42.29 (0.50mm WEAR-IN)	848 (APPROX)	550	400	2.06 (STEEL COVER)	##	0.005310 (STEEL COVER)	##	0.000691	##

PRESSURE PLATE KITS (PART No. SUFFIX 'SN')	PRESSURE PLATE KIT DETAILS		PART No.
	KIT	CONTENTS	
	STANDARD	0.50 TO 3.50mm, 0.50mm INC.	CP8153-9SS
	INTERMEDIATE	0.25 TO 3.25mm, 0.50mm INC	CP8153-10SS
	LOW	0.25 TO 1.25mm, 0.25mm INC	CP8153-15SS
	MED	1.50 TO 2.50mm, 0.25mm INC	CP8153-16SS
	HIGH	2.75 TO 3.50mm, 0.25mm INC	CP8153-17SS

Issue No.	Alterations			Zone	Initials
	Date & No.	Particulars			
1	19/12/05 C2803	FIRST ISSUE		#	JG
2	24/01/06	CUSHION PRESSURE PLATE SECTION, CUSHION PRESSURE PART No.'S AND KITS DELETED. TORQUE CAPACITIES : 758 WAS 884 1014 WAS 848		#	JG
3	02/08/07 C3196	CP8153-SE03-SN AND STEEL COVER VIEW ADDED.		#	JG
4	10/10/07 C3232	WEAR IN WAS 0.75		#	JG
5	11/10/07 C3232	PRESSURE PLATE KIT CONTENTS MODIFIED IN LINE WITH WEAR IN CHANGE.		#	JG
6	24/10/07 C3232	CP8153-DE03-SN ADDED.		#	JG
7	29/10/07 C3232	Ø56.75 MIN, 3.30 MIN, 34.25 MAX, AND 0.10 MAX ADDED. Ø132.32/138.29 (OPTIONAL) ADDED.		#	JG
8	25/03/08 C3373	GEAR RING LOCATION DETAIL ADDED (STEEL COVER)		#	JG
9	03/11/08 C3522	PRESSURE PLATE KITS CP8153-15SS, -16SS AND -17SS ADDED. 'SS' ADDED TO CURRENT KITS -9 AND -10		#	JG

SCALE 1:1 SHEET 1 OF 1

DRAWN: Jeremy Govan

APPROVED:

DERIVED FROM:

TITLE
 Ø115mm CARBON CARBON
 CLUTCH ASSEMBLY

DRG NO. CP8153CD