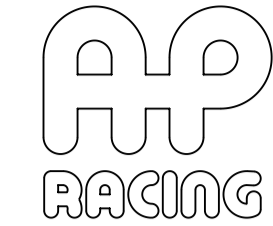


# A1 INSTALLATION DRAWING

IF THIS DOCUMENT IS PRINTED IN HARDCOPY, IT IS FOR INFORMATION USE ONLY AND THEREFORE IS NOT SUBJECT TO UPDATING CONTROLS. ALWAYS REFER TO SOLIDWORKS VIEWER FOR LATEST ISSUE



THIS DRAWING IS CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT SHALL NOT BE LOANED OR COPIED OR DISCLOSED TO ANY OTHER PERSON OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF AP RACING LTD.



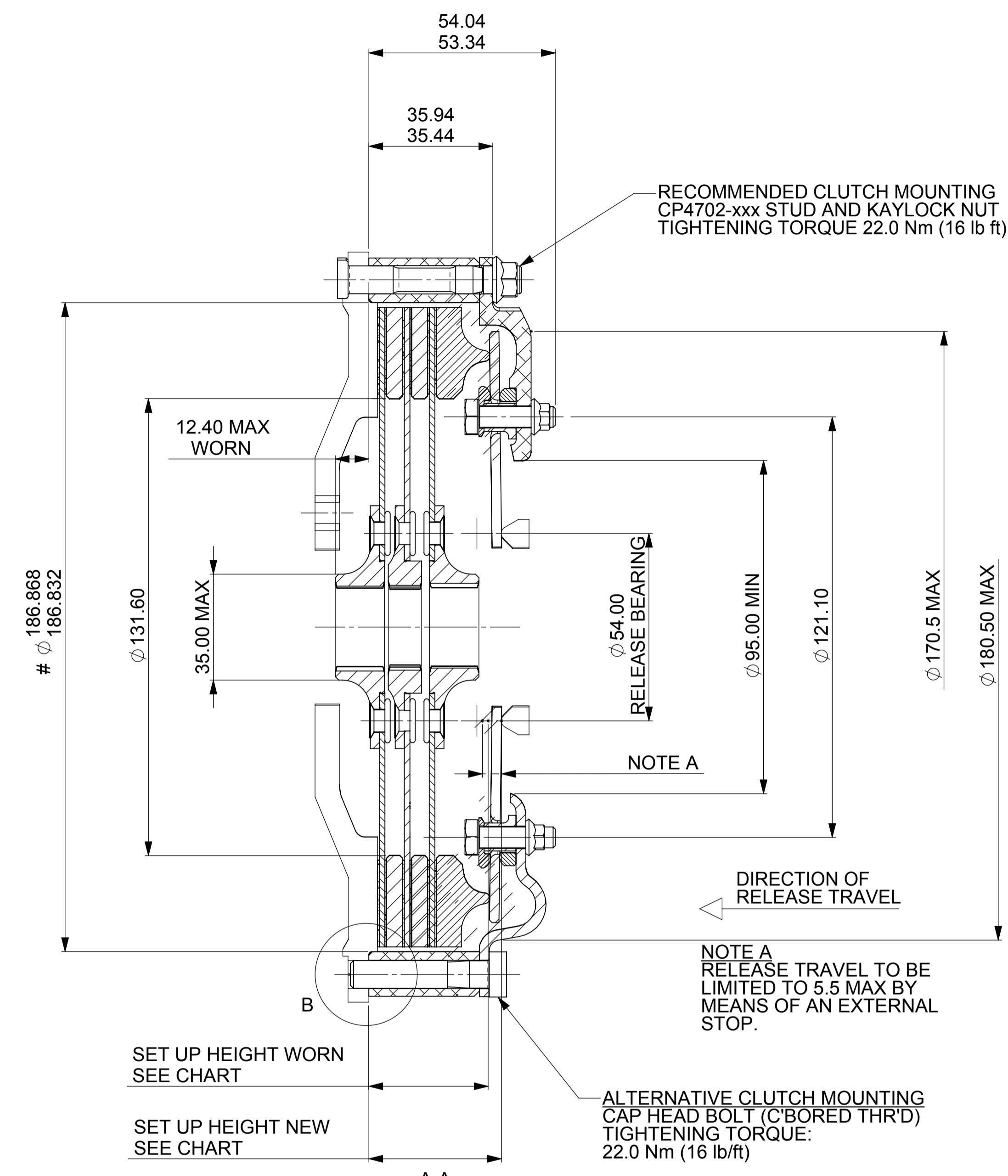
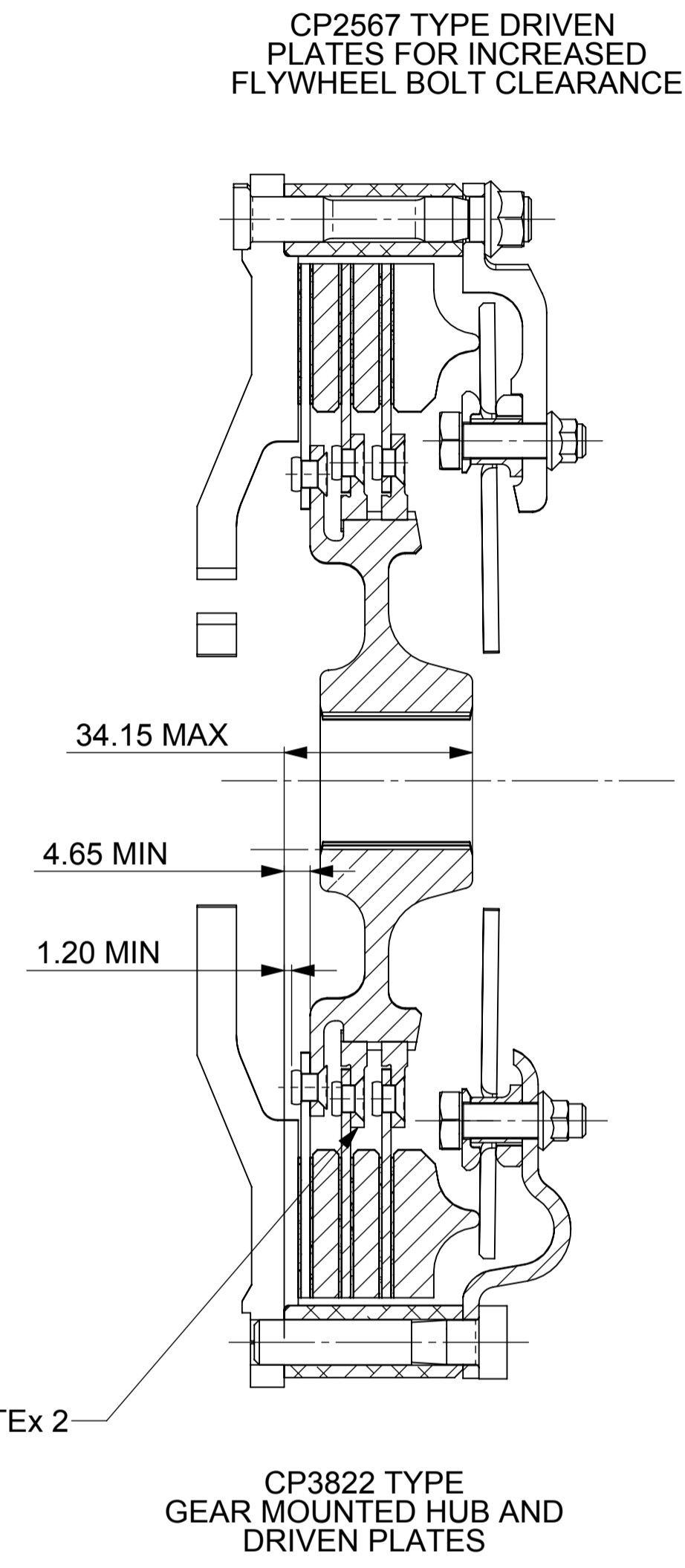
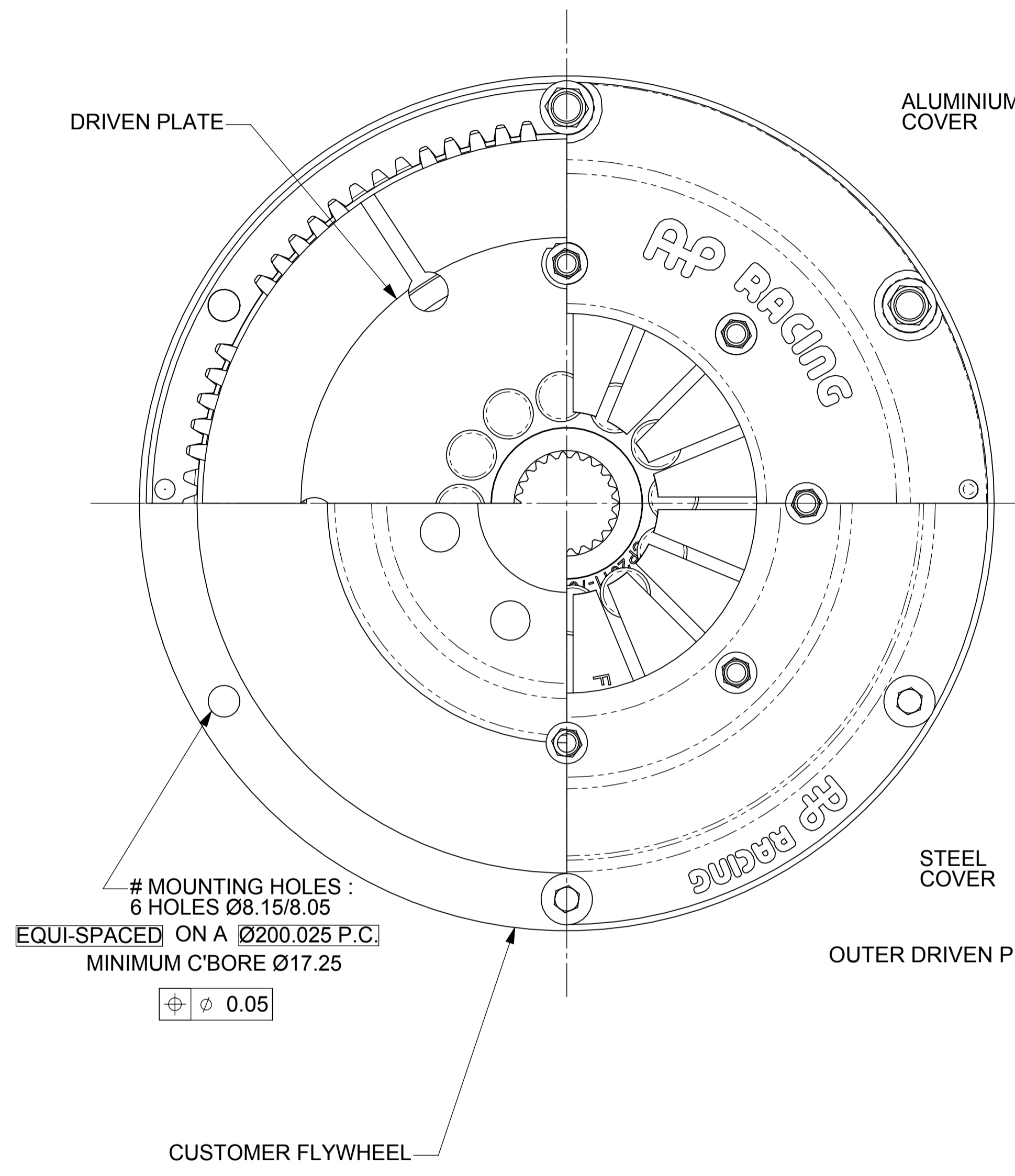
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Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		

4	15/06/15 C4165	REDRAWN IN SOLIDWORKS TO LATEST STANDARDS SUH CHANGES: CRV: 39.54/36.45 WAS 40.42/37.43 42.05 WAS 42.90 ORA: 39.78/36.68 WAS 40.30/37.32 42.30 WAS 42.79 GRN: 38.96/35.87 WAS 41.76/38.81 41.47 WAS 44.25	#	JG
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**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).

**SUGGESTED FLYWHEEL MATERIAL :-**

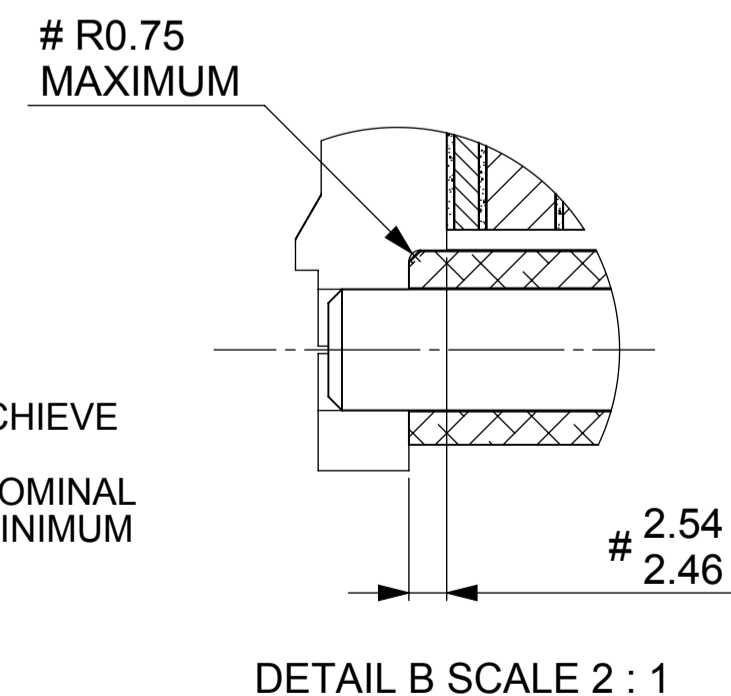
0.35/0.45% CARBON STEEL, BRINELL 200 MIN. OR SUITABLE MATERIAL FOR HIGH RPM.  
FRICTION FACE TO BE FINE TURNED AND GROUND SMOOTH AND FLAT. RUNOUT AT R77.2 <=0.08 MAX. WHEN ASSEMBLED TO CRANKSHAFT.

**TORQUE CAPACITY :-**

FOR APPLICATIONS EXCEEDING THE MAXIMUM RECOMMENDED FIGURES PLEASE CONTACT A.P. RACING.

**CLUTCH 'WEAR IN'**

THIS CLUTCH HAS BEEN DESIGNED TO ACHIEVE 0.75mm 'WEAR IN' MINIMUM.  
DRIVEN PLATE THICKNESS NEW: 2.63 NOMINAL  
DRIVEN PLATE THICKNESS WORN: 2.22 MINIMUM



DRIVEN PLATES			
SPLINE SIZE	DRIVEN PLATE (OUTER)	DRIVEN PLATE (INNER)	GEAR DRIVE TYPE (OUTER CP2822-31)
1.00" x 23	CP2012-165FM3	CP2012-178FM3	CP2822-23
7/8" x 20	CP2012-166FM3	CP2012-179FM3	CP2822-20
29 x 10	CP2012-199FM3	CP2012-245FM3	CP2822-29
1"5/8 x 26	CP2012-171FM3	CP2012-173FM3	CP2822-9

FOR OTHER SPLINE SIZES PLEASE CONTACT AP RACING

CLUTCH ASSEMBLY PART No.	COVER TYPE	SET UP HEIGHT		RECOMMENDED MAX. DYNAMIC TORQUE CAPACITY Nm (lb/ft)	RELEASE LOAD (N) MAX. PEAK NEW	RELEASE LOAD (N) MAX. PEAK WORN
		NEW	MAX. WORN			
CP2572ACRV	ALUMINIUM	39.54	42.05	978 (721)	3500	4400
CP2572CRV	STEEL	36.45	42.05			
CP2572AORA	ALUMINIUM	39.78	42.30	631 (465)	2400	3300
CP2572CRV	STEEL	36.68	42.30			
CP2572AGRN	ALUMINIUM	38.96	41.47	394 (291)	1600	2200
CP2572CRV	STEEL	35.87	41.47			

ASSMBLY INERTIA			
CLUTCH TYPE	COMPLETE ASSY. WEIGHT INC. D/P'S.	COMPLETE ASSY. INERTIA INC. D/P'S.	D/P AND HUB INERTIA
BACK TO BACK ALUMINIUM COVER	5.23 kg	0.030 kgm²	0.0060 kgm²
STEEL COVER	5.53 kg	0.032 kgm²	
GEAR DRIVE TYPE ALUMINIUM COVER	5.50 kg	0.032 kgm²	0.0060 kgm²
STEEL COVER	5.80 kg	0.034 kgm²	

SCALE 1:1	SHEET 1 OF 1
DRAWN	Jeremy govan
APPROVED	
DERIVED FROM	CP2572-1 (MEDUSA)
TITLE	
Ø7.25" (Ø184.00mm) TRIPLE PLATE CLUTCH ASSEMBLY	
DRG NO.	CP2572-1CD