

# A1 INSTALLATION DRAWING

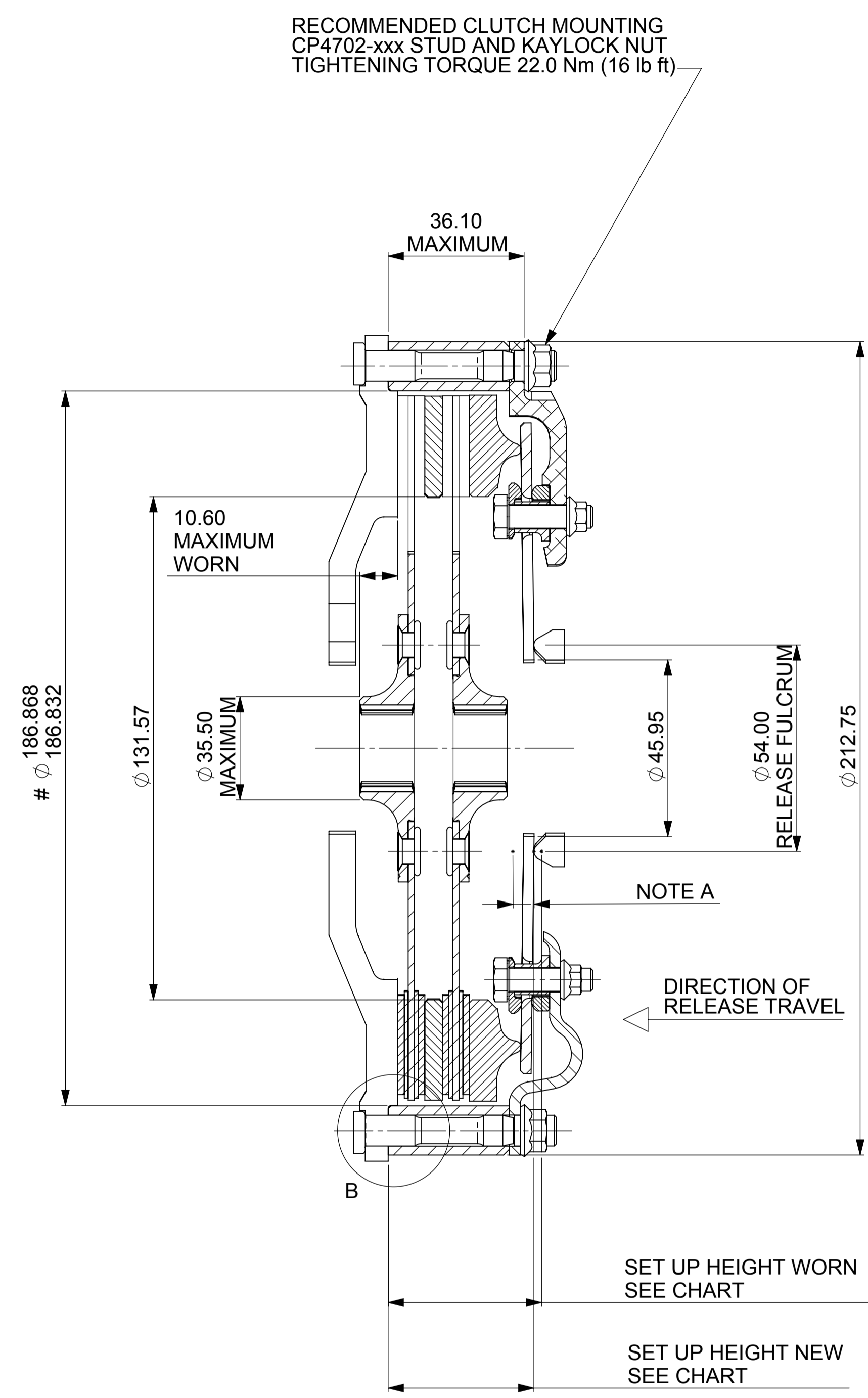
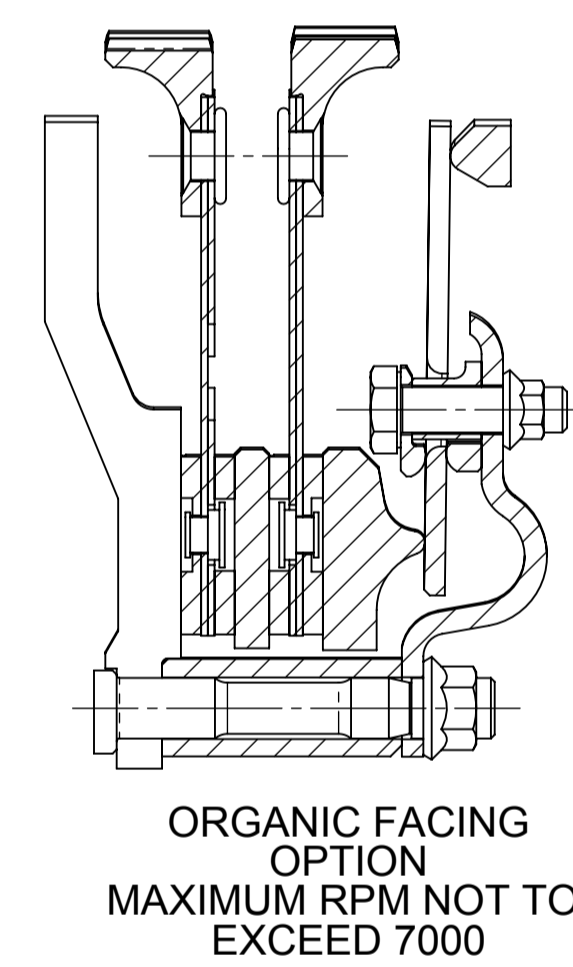
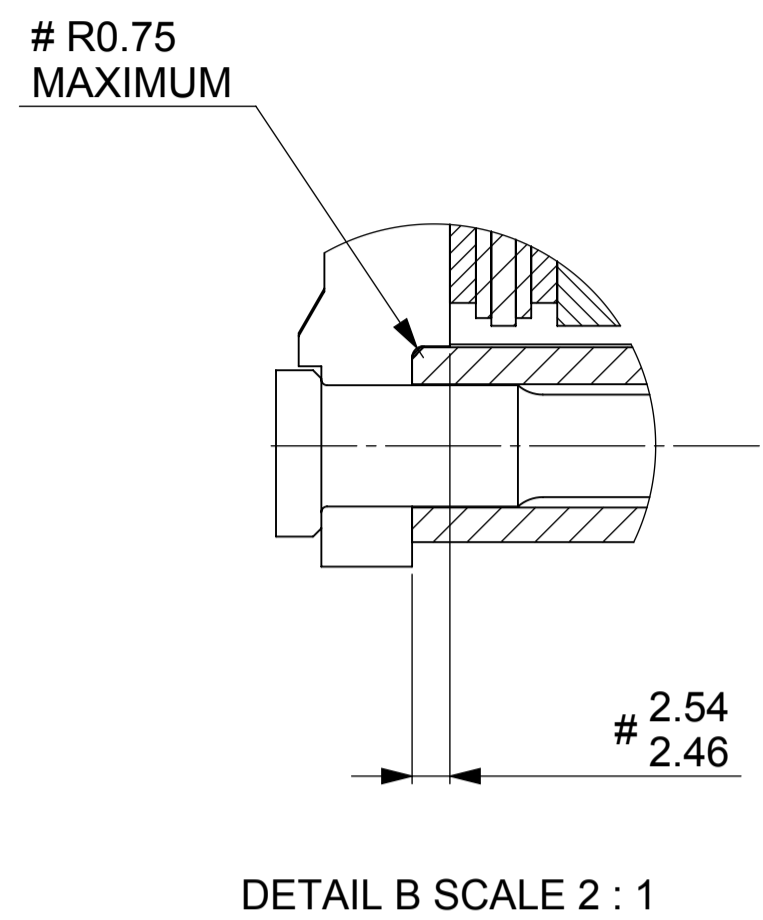
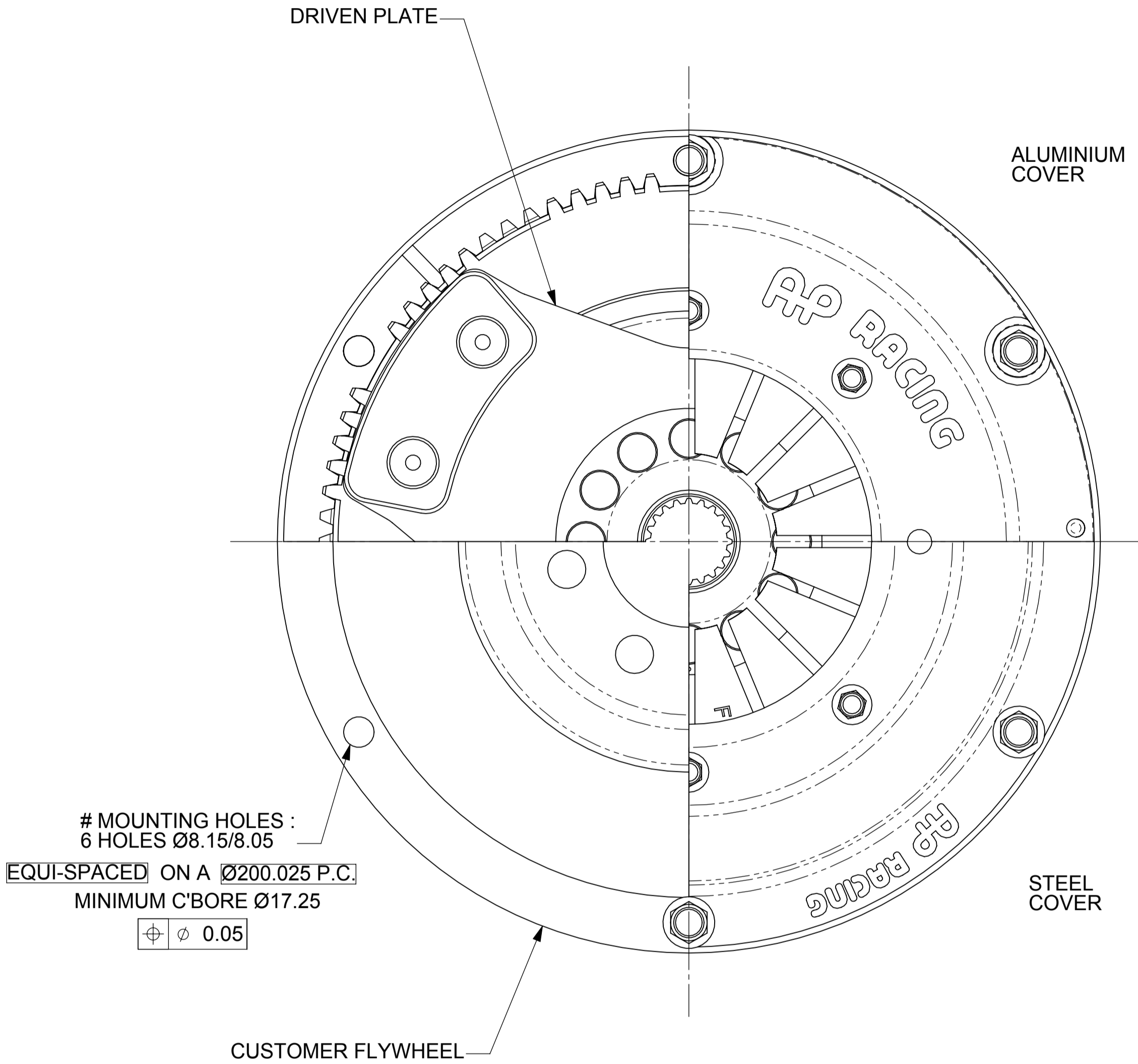
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Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
6	05/04/05 C2625	REDRAWN IN SOLIDWORKS	#	JG
7	01/02/10 C3789	CRV ASSEMBLY: RELEASE LOAD - MAX PEAK WORN 4400N WAS 347daN TORQUE CAPACITY: 636Nm WAS 598Nm ORA ASSEMBLY: RELEASE LOAD - MAX PEAK WORN 3300N WAS 222daN TORQUE CAPACITY: 421Nm WAS 400Nm GRN ASSEMBLY: RELEASE LOAD - MAX PEAK WORN 2200N WAS 154daN TORQUE CAPACITY: 263Nm WAS 267Nm ALL REFS: MAX PEAK NEW RELEASE LOAD ADDED.	#	JG
8	24/03/10 C3784	ORGANIC DRIVEN PLATE OPTION ADDED.	#	JG
9	13/08/13	CP5386-12 AND -15 ADDED TO ORGANIC DRIVE PLATE COLUMN.	C5	DW
10	15/06/15 C4165	SUH CHANGES: CRV: 39.57/36.81 WAS 39.89/37.60 42.09 WAS 42.38 ORA: 39.80/37.02 WAS 40.16/37.87 42.32 WAS 42.65 GRN: 39.00/36.23 WAS 41.24/38.98 41.52 WAS 43.72	#	JG



**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.

**# FLYWHEEL DIMENSIONS**  
 NOTE A :  
 RELEASE TRAVEL TO BE LIMITED TO 5.50 MAXIMUM BY MEANS OF AN EXTERNAL STOP.

**CLUTCH 'WEAR IN'**  
 THIS CLUTCH HAS BEEN DESIGNED TO ACHIEVE 0.75mm 'WEAR IN' MINIMUM.  
 DRIVEN PLATE THICKNESS NEW: 7.08 NOMINAL  
 DRIVEN PLATE THICKNESS WORN: 6.68 MINIMUM

DRIVEN PLATES				
SPLINE SIZE	3 PADDLE PLATE CP2606 TYPE	4 PADDLE PLATE CP3219 TYPE	6 PADDLE PLATE CP4946 TYPE	ORGANIC TYPE
1.00" x 23	CP2606-17	CP3219-1	CP4946-7	CP5386-10
7/8" x 20	CP2606-18	CP3219-3	CP4946-6	CP5386-12
29 x 10	CP2606-65	CP3219-9	N/A	CP5386-15
21.1 x 18	CP2606-91	CP3219-5	CP4946-2	N/A
25.5 x 24	CP2606-97	CP3219-31	CP4946-8	N/A

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			
CP2606ACRV	ALUMINIUM	39.57	42.09	636 (469)	3500	4400
CP2606CRV	STEEL	36.81	42.09			
CP2606ORA	ALUMINIUM	39.80	42.32	421 (310)	2400	3300
CP2606ORA	STEEL	37.02	42.32			
CP2606GRN	ALUMINIUM	39.00	41.52	263 (194)	1600	2200
CP2606GRN	STEEL	36.23	41.52			

ASSEMBLY INERTIA			
CLUTCH TYPE	COMPLETE ASSY. WEIGHT INC. D/P'S.	COMPLETE ASSY. INERTIA INC. D/P'S.	D/P AND HUB INERTIA
3 PADDLE			
STEEL COVER	4.286 kg	0.0260 kgm <sup>2</sup>	0.00364 kgm <sup>2</sup>
ALUMINIUM COVER	4.036 kg	0.0246 kgm <sup>2</sup>	
4 PADDLE			
STEEL COVER	4.494 kg	0.0271 kgm <sup>2</sup>	0.00474 kgm <sup>2</sup>
ALUMINIUM COVER	4.246 kg	0.0257 kgm <sup>2</sup>	
6 PADDLE			
STEEL COVER	4.836 kg	0.0293 kgm <sup>2</sup>	0.00694 kgm <sup>2</sup>
ALUMINIUM COVER	4.588 kg	0.0279 kgm <sup>2</sup>	

SCALE 1:1 SHEET 1 OF 1  
 DRAWN Jeremy Govan  
 APPROVED  
 DERIVED FROM cp2606-1cd (Medusa)  
**TITLE**  
 Ø7,25" 6 BOLT,  
 'A' RING CLUTCH  
 DRG NO. cp2606-1cd