N:\SolidWorks\Customer\cp5241-1cd.slddrw

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A1 INSTALLATION DRAWING

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FIRST ANGLE PROJECTION

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AP Racing
Wheler Road
Coventry
CV3 4LB
Tel: +44 (0) 24 7663 9595
Fax: +44 (0) 24 7663 9559
e-mail: engineering@apracing.co.uk
Web site: http://www.apracing.com

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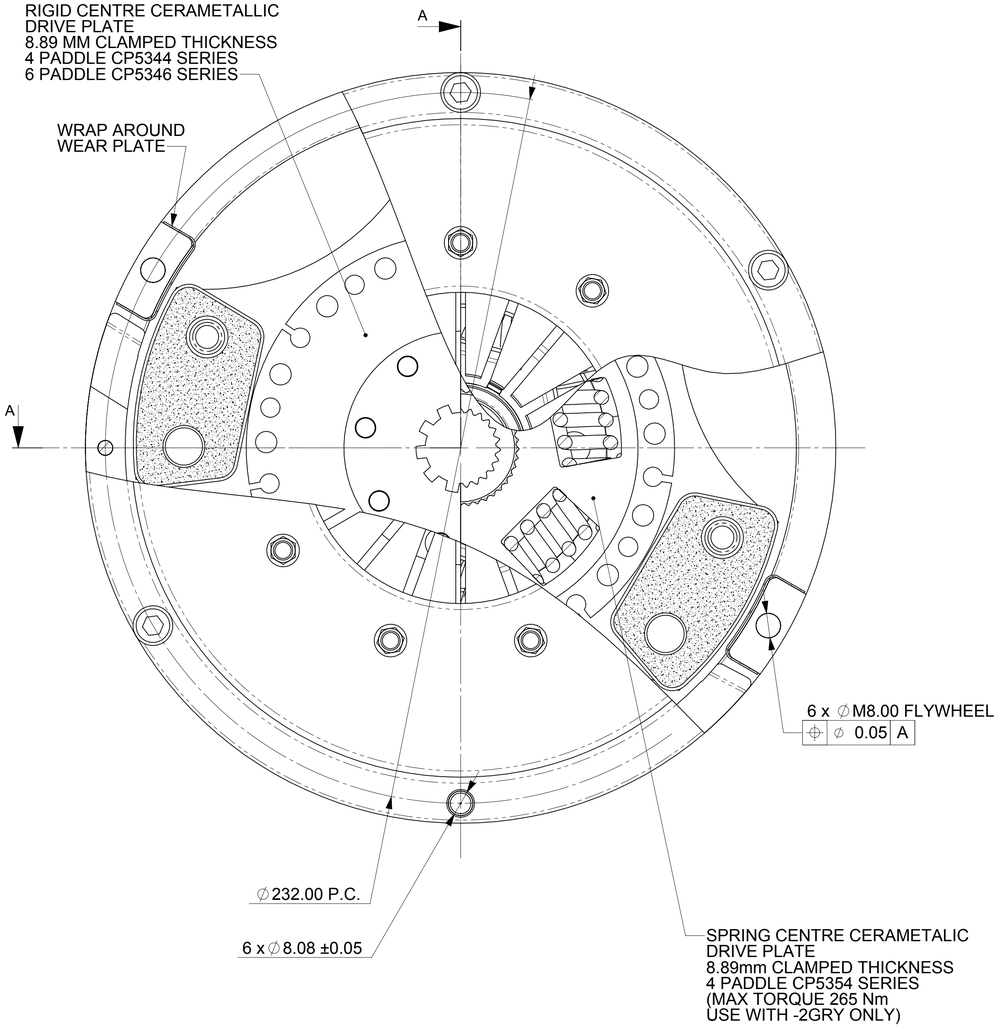
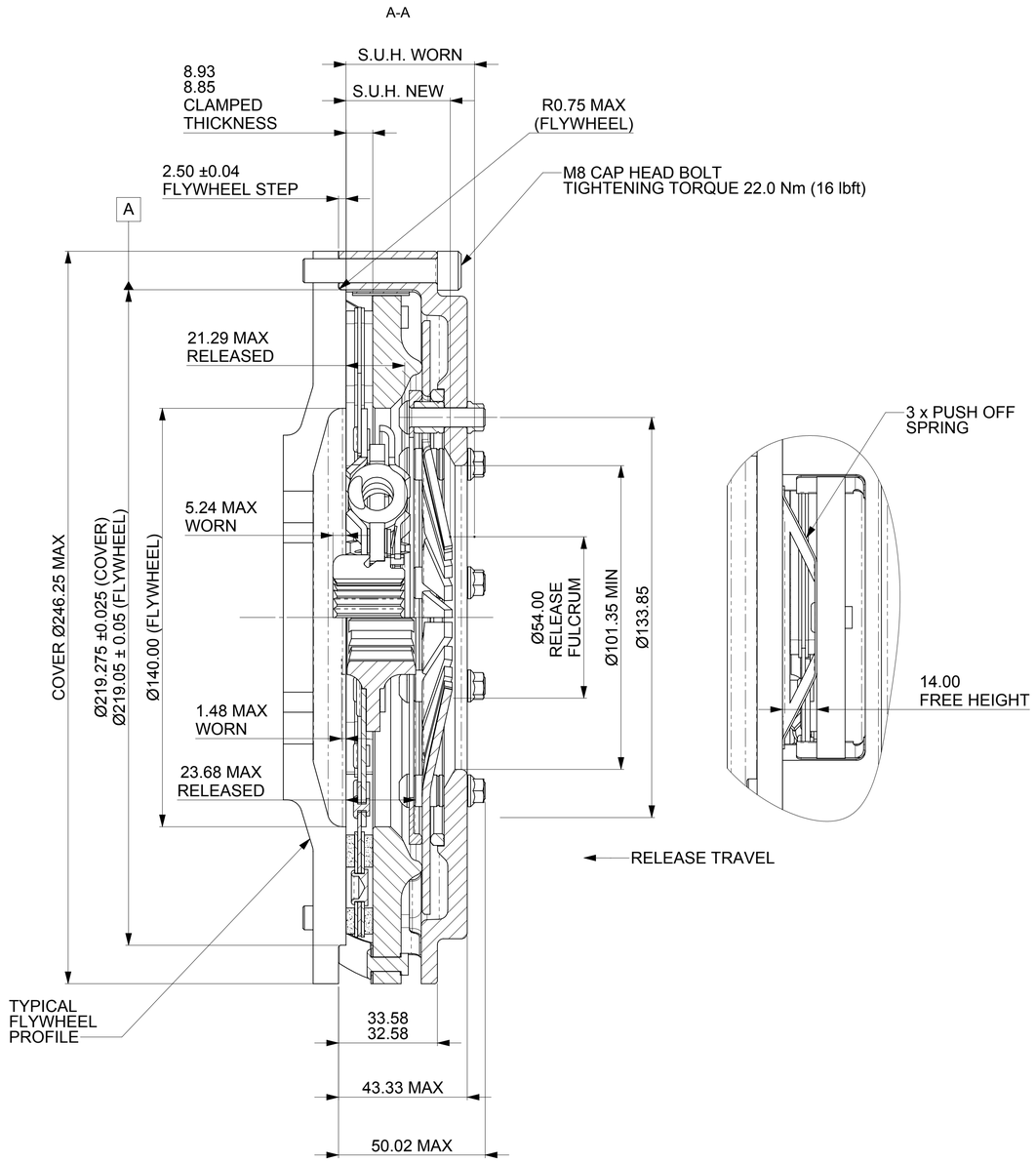
Issue No.	Alterations: Date & No.	Particulars	Zone	Initials
1	10/95	FIRST ISSUE	#	SRO
2	02/11/95 RAC05499	CP5241-2CRV REMOVED SUH'S, TORQUE CAPS & RELEASE LOADS ADJUSTED. HUB FLOAT LIMITS & RECOMMENDED MOUNTING BOLT ADDED. RECOMMENDED REL BRGS ADDED.	#	SRO
3	22/12/00 R0716	RATIONALISED COVER ASSEMBLY.	#	GRD
4	15/05/13 C3006	DRAWING CONVERTED TO SOLIDWORKS. MINIMUM FLYWHEEL RUBBING SURFACE DIMENSION ADDED.	#	JAS
5	16/07/19	REDRAWN WITH 3D MODEL Ø8.08±0.05 WAS Ø8.17/8.14 PICTORIALLY UPDATED DRIVE PLATES	D2	BJP
6	17/09/19	RELEASE TRAVEL ADDED TO TABLE CP5241-3GRY REL LOAD 3500 WAS 3000 N	C11 B10	BJP





CLUTCH ASSEMBLY PART NUMBER	SET UP HEIGHT (S.U.H.)		RECOMMENDED MAX DYNAMIC TORQUE CAPACITY Nm (lbft)	RELEASE LOAD (N)	RELEASE TRAVEL
	NEW	MAX WORN		MAX PEAK WORN	MAX
CP5241-2GRY	38.72 37.22	42.53 (1.0mm WEAR IN)	348 (256)	3000	8.00
CP5241-3GRY	39.35 37.39	43.12 (0.75mm WEAR IN)	425 (314)	3500	8.00
CP5241-3CRV	40.09 38.23	43.86 (0.75mm WEAR IN)	580 (427)	4200	7.50

RECOMMENDED RELEASE BEARING

STEEL CAGED ROUND NOSED BALL TYPE BEARING
A P RACING BEARINGS AVAILABLE FOR THIS APPLICATION
CP3457-2, -6 & -10 (SEE CP3457-7 FOR DETAILS)

SUGGESTED FLYWHEEL MATERIAL

0.35 TO 0.45% CARBON STEEL BRINELL 200 MIN
OR OTHER SUITABLE MATERIAL FOR HIGH RPM

FRICTION FACE TO BE FINE TURNED AND GROUND SMOOTH AND FLAT
RUNOUT AT R101.6 0.08 MAX WHEN ASSEMBLED TO CRANKSHAFT

UNLESS OTHERWISE STATED

DIMENSIONAL TOLERANCE ±0.25
ANGULAR TOLERANCE ±0°30'

MAX SURFACE FINISH ON MACHINED SURFACES 3.2µM (Ra)

SCALE 1:1	SHEET 1 OF 1
DRAWN	BRIAN PAYNE
APPROVED	
DERIVED FROM	

TITLE
8.5" LUG DRIVE CLUTCH

DRG NO. CP5241-1CD