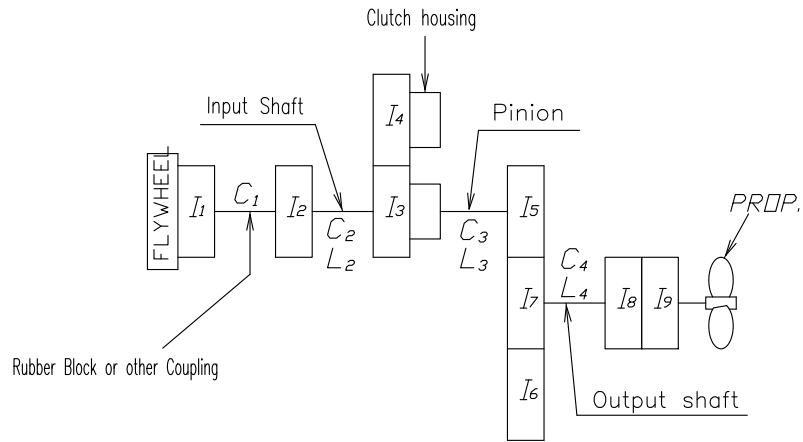
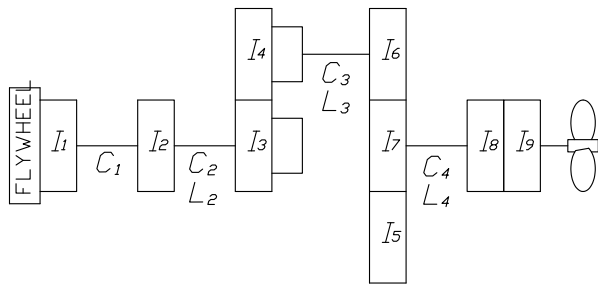


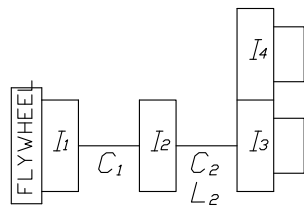
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1. I_{xx} =Moment of inertia [kg.m²]
2. d_o =MIN, Shaft DIA. [mm]
3. L=Equivalent length(Calculated as shaft DIA. of 187.2mm [mm])
4. Stiffness Unit (C_n) [MNm/rad]

SYM.	DESCRIPTION	POSITION	REVISION	DATE	REV'D	APP'D

Coupling Type		[Model : CFR-268] SAE# 0-18"					
		5%	10%	25%	50%	75%	100%
I_1 I_2 Flexible Coupling	Driving ring I_1	0.2276	←	←	←	←	←
	Spider $I_{①}$	0.2139	←	←	←	←	←
	Input coupling $I_{②}$	0.0253	←	←	←	←	←
	$① + ②$ I_2	0.2392	←	←	←	←	←
C_1		0.004	0.008	0.015	0.047	0.085	0.122

Coupling Type		[Model : CFR-268] SAE# 1-14", 0-14"					
		5%	10%	25%	50%	75%	100%
I_1 I_2 Flexible Coupling	Driving ring I_1	0.2276	←	←	←	←	←
	Spider $I_{①}$	0.2139	←	←	←	←	←
	Input coupling $I_{②}$	0.0253	←	←	←	←	←
	$① + ②$ I_2	0.2392	←	←	←	←	←
C_1		0.004	0.008	0.015	0.047	0.085	0.122

Part	Gear Ratio	Gear Ratio			
		2.06	2.50	2.92	3.26
I_5, I_6 Pinion + Disc Plate	Teeth No.	32	28	25	23
	L_3	1,543	1,608	1,726	1,858
	d_o	107.8	←	←	←
	Pinion $I_{①}$	0.0572	0.0353	0.0237	0.0179
	Disc $I_{②}$	0.0113	←	←	←
I_7 Wheel	$① + ②$ I_5	0.0685	0.0466	0.0350	0.0292
	C_3	6.3576	6.0979	5.6823	5.2776
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	66	70	73	75
	I_7	0.6189	0.7805	0.9684	1.1080
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	38	←	←	←
	CH+Piston+Plate $I_{③}$	0.0912	←	←	←
	Sinterd $I_{④}$	0.0112	←	←	←
I_8 Output Coupling	$③ + ④$ I_3	0.1024	←	←	←
	Teeth No.	38	←	←	←
	CH+Piston+Plate $I_{⑤}$	0.0912	←	←	←
I_9 Companion Coupling	Sinterd $I_{⑥}$	0.0112	←	←	←
	$⑤ + ⑥$ I_4	0.1024	←	←	←
	I_8	0.1745	←	←	←
Input Shaft	I_9	0.2726	←	←	←
	L_2	28,027	←	←	←
	d_o	45.01	←	←	←
Output Shaft	C_2	0.3499	←	←	←
	L_4	1,438	←	←	←
	d_o	92.03	←	←	←
C_4		6.8162	←	←	←

MATERIAL				TYPE		DMT320H		ORIGINAL DWG. NO.	
DATE 2022.10.18		SCALE N/S		NAME		MASS ELASTIC SYSTEM			
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	DWG. NO.		320000-2		REV. 000	
YUN.KC				SIZE		A		CODE ID. NO.	

D-1 IND CO., LTD.