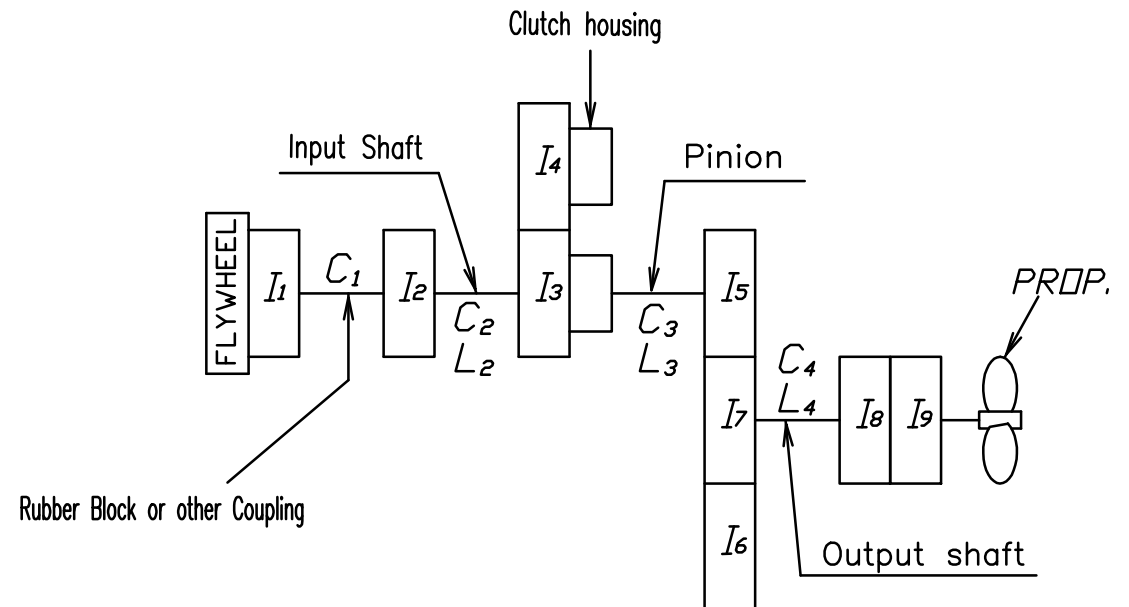
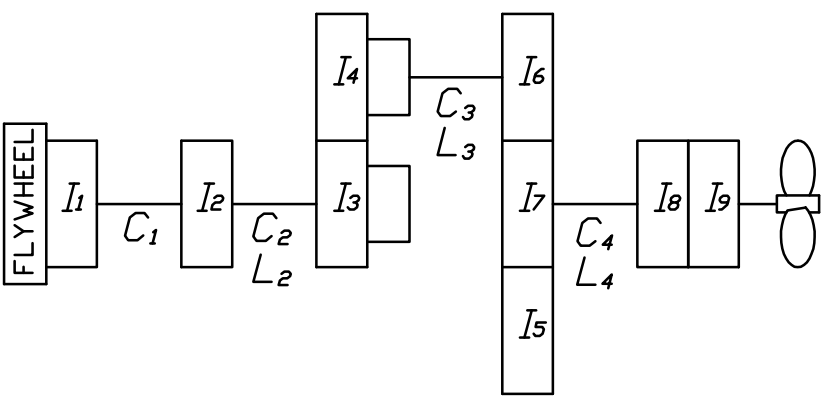


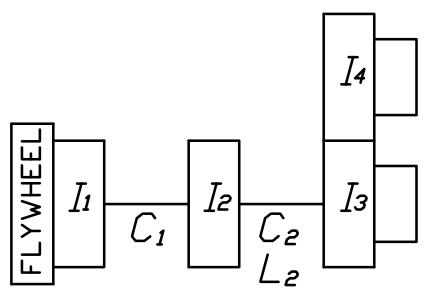
Counter Enginewise Rotation



Enginewise Rotation



Neutral



Centa Flexible Coupling		[Model : CFR-318] SAE# 1-14"					
		5%	10%	25%	50%	75%	100%
I_1	Driving ring I_1	0.2772	←	←	←	←	←
	Spider I_2	0.1916	←	←	←	←	←
I_2	$\oplus + \ominus$ I_1	0.4688	←	←	←	←	←
	C_1	0.006	0.012	0.023	0.073	0.115	0.178

HC Coupling		[Model : HC 4000] SAE# 1-14"		[Model : HC 4000] SAE# 0-18"		[Model : HC 8000] SAE# 0-18"	
		HS 60	HS 65	HS 60	HS 65	HS 57	
I_1	Driving ring I_1	0.2570	←	0.2570	←	0.8999	
	Outer Stopper I_2	0.4405	←	1.4938	←	1.0109	
I_2	$\oplus + \ominus$ I_1	0.6975	←	1.7508	←	1.9108	
	Spider I_3	0.4082	←	0.4082	←	0.7898	
Flexible Coupling	Dummy I_4	0.0765	←	0.0765	←	0.2610	
	Input coupling I_5	0.0300	←	0.0300	←	0.0300	
Coupling	Inner Stopper I_6	0.1161	←	0.1161	←	0.2949	
	$\oplus + \ominus + \oplus + \ominus$ I_2	0.6308	←	0.6308	←	1.3757	
C_1		0.029	0.040	0.029	0.040	0.067	

Rubber Coupling		Rubber Block Coupling			
		SAE#1-14"	SAE#0-18"		
I_1	Driving ring I_1	0.7151	1.5513		
	Spider I_2	0.4933	←		
Coupling	Input coupling I_3	0.0300	←		
	$\oplus + \ominus$ I_2	0.5233	←		
C_1		2.06	←		

Part		Gear Ratio						
		1.43	1.72	2.03	2.46	2.53	2.76	
I_5, I_6	Teeth No.	37	33	30	26	26	24	
	L_3	456	516	594	986	986	1,173	
	d_o	119.0	←	←	←	←	←	
	Pinion I_7	0.0725	0.0551	0.0440	0.0275	0.0275	0.0214	
	Disc I_8	0.0178	←	←	←	←	←	
Pinion + Disc Plate	$\oplus + \ominus$ I_5	0.0903	0.0729	0.0618	0.0453	0.0453	0.0392	
	C_3	21.510	19.010	16.498	9.9459	9.9459	8.3599	
	I_7 Wheel	Teeth No.	55	57	61	64	66	66
	I_7	0.2328	0.3693	0.4715	0.5893	0.5998	0.5998	
	I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←
CH+Piston+Plate I_3		0.1751	←	←	←	←	←	
Sinterd I_3		0.0205	←	←	←	←	←	
I_4 Clutch Housing Assy [Astern parts]	$\oplus + \ominus$ I_3	0.1956	←	←	←	←	←	
	Teeth No.	44	←	←	←	←	←	
	CH+Piston+Plate I_4	0.1751	←	←	←	←	←	
I_8 Output Coupling	Sinterd I_4	0.0205	←	←	←	←	←	
	$\oplus + \ominus$ I_4	0.1956	←	←	←	←	←	
	I_8 Output Coupling	I_8	0.1035	←	←	←	←	
I_9 Companion Coupling	I_9 Companion Coupling	I_9	0.1285	←	←	←	←	
	Input Shaft	L_2	13,733	←	←	←	←	
		d_o	72.00	←	←	←	←	
C_2		0.7141	←	←	←	←		
Output Shaft	L_4	2,645	←	←	←	←		
	d_o	109.03	←	←	←	←		
	C_4	3.7077	←	←	←	←		

REMARK

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

SYM.	DESCRIPTION	POSITION	REVISION	DATE	REV'D	APP'D
A	Coupling HC-4000 → 1-14, 0-18 추가	D4	001	09.12.24		
B	Coupling HC-8000 → 0-18 추가	D4	002	09.12.24		
C	Centa Flexible Coupling 추가	D4	003	16.09.23	IB.Shin	

MATERIAL		DATE 2016.09.23		SCALE		TYPE	DMT400H	ORIGINAL DWG. NO.
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		MASS ELASTIC SYSTEM		
Kim Jin Ah		KS.Han		DWG. NO.		4 0 0 0 0 0-2		
D-I INDUSTRIAL		SIZE	A	CODE ID. NO.		REV. 003		