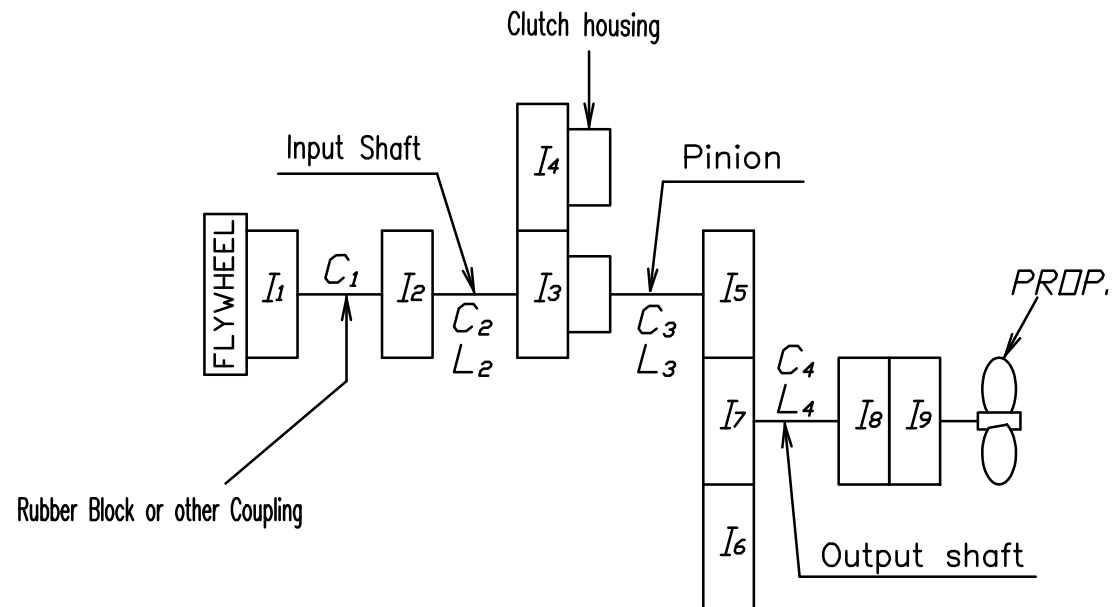
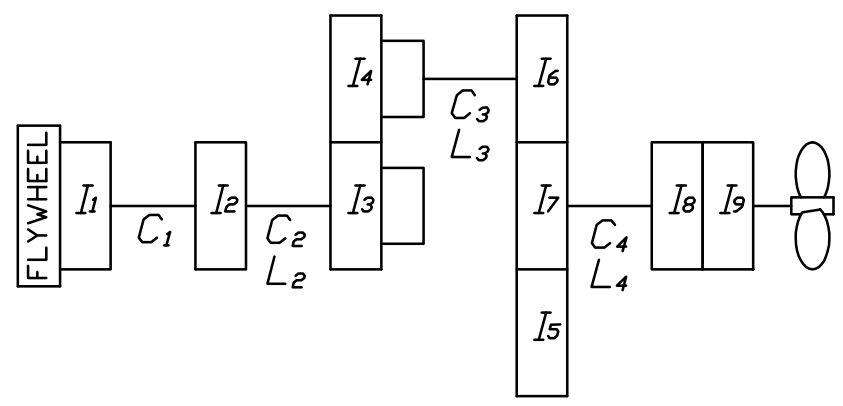


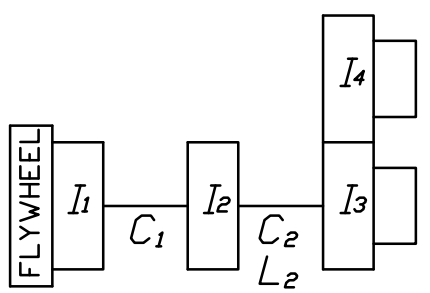
Counter Enginewise Rotation



Enginewise Rotation



Neutral



Centa Flexible Coupling		[Model : CFR-268] SAE# 1-14"					
		5%	10%	25%	50%	75%	100%
I_1	Driving ring I_1	0.2276	←	←	←	←	←
	Spider I_2	0.2139	←	←	←	←	←
I_2	$\oplus + \ominus$ I_1	0.4415	←	←	←	←	←
	C_1	0.004	0.008	0.015	0.047	0.085	0.122

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	
	Dummy I_4	0.0765	←	0.0765	←	0.2610	
	Input coupling I_5	0.0273	←	0.0273	←	0.0273	
	Inner Stopper I_6	0.1161	←	0.1161	←	0.2949	
	$\oplus + \ominus + \oplus + \ominus$ I_2	0.6281	←	0.6281	←	1.3730	
	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	0.4123	1.1907
	Spider I_2	0.4275	←
I_2	Input coupling I_3	0.0273	←
	$\oplus + \ominus$ I_2	0.4549	←
	C_1	2.06	←

Part	Gear Ratio	Gear Ratio				
		5.11	5.62	5.91	6.57	6.95
I_5, I_6	Teeth No.	26	24	23	21	20
	L_3	2,424	2,567	2,667	2,955	3,177
	d_o	98.00	←	←	←	←
	Pinion I_7	0.0244	0.0192	0.0170	0.0132	0.0117
	Disc I_8	0.0108	←	←	←	←
	$\oplus + \ominus$ I_5	0.0352	0.0300	0.0278	0.0240	0.0225
	C_3	5.6556	5.0944	4.7744	4.0591	3.6702
I_7 Wheel	Teeth No.	133	135	136	138	139
	I_7	9.4571	10.0944	10.4237	11.1039	11.4550
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	38	←	←	←	←
	CH+Pinion+Plate I_3	0.0783	←	←	←	←
	Sinterd I_3	0.0111	←	←	←	←
	$\oplus + \ominus$ I_3	0.0894	←	←	←	←
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	38	←	←	←	←
	CH+Pinion+Plate I_4	0.0783	←	←	←	←
	Sinterd I_4	0.0111	←	←	←	←
	$\oplus + \ominus$ I_4	0.0894	←	←	←	←
I_8 Output Coupling	I_8	0.3249	←	←	←	←
I_9 Companion Coupling	I_9	0.4825	←	←	←	←
Input Shaft	L_2	35,153	←	←	←	←
	d_o	60.00	←	←	←	←
	C_2	0.2790	←	←	←	←
Output Shaft	L_4	1,921	←	←	←	←
	d_o	120.0	←	←	←	←
	C_4	5,1026	←	←	←	←

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
$\triangle A$	Coupling HC-4000 → 1-14, 0-18 추가	D4	001	09.12.24		
$\triangle B$	Coupling HC-8000 → 0-18 추가	D4	002	09.12.24		
$\triangle C$	Centa Flexible Coupling 추가	D4	003	16.09.23	IB.Shin	

MATERIAL		DATE 2016.09.23		SCALE		TYPE	DMP6500	ORIGINAL DWG. NO.
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		MASS ELASTIC SYSTEM		
		Kim Jinkyoung		DWG. NO.		6 5 0 0 0 0-2		
				REV.		003		
D-I INDUSTRIAL		SIZE	A	CODE ID. NO.				