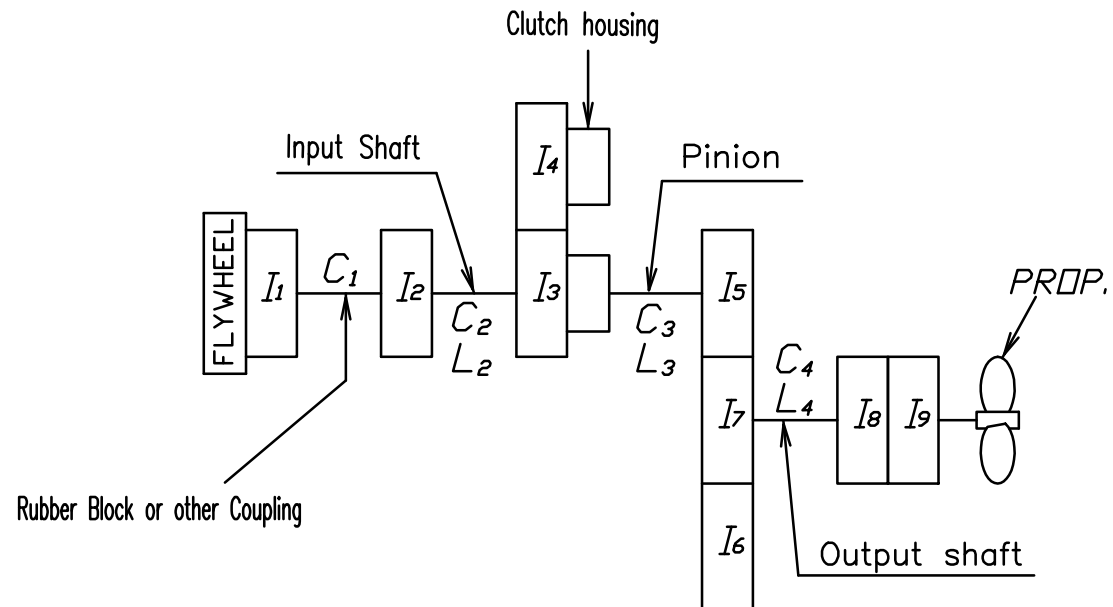
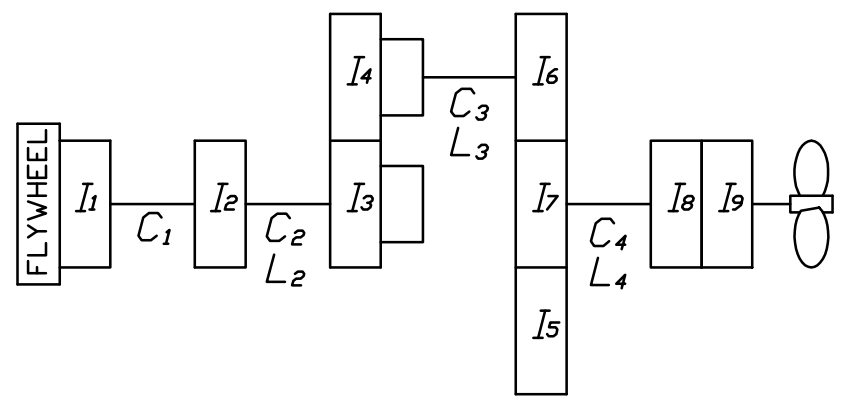


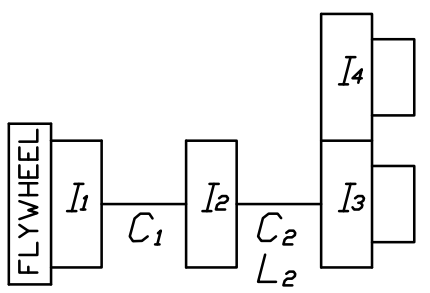
Counter Enginewise Rotation



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
△	Centa Flexible Coupling 추가	D4	001	16.09.23	IB.Shin	

Coupling Type 3		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	

Coupling Type 2		[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	0.4512	←	1.6156	←	0.4363	
I_2	$\oplus + \ominus$ I_1	0.7082	←	1.8726	←	1.3362	
	Spider I_3	0.4082	←	0.4082	←	0.7898	
Flexible Coupling	Dummy I_4	0.0765	←	0.0765	←	0.2610	
	Input coupling I_5	0.0257	←	0.0257	←	0.0257	
Coupling	Inner Stopper I_6	0.1565	←	0.1565	←	0.2929	
	$\oplus + \ominus + \oplus + \ominus$ I_2	0.6669	←	0.6669	←	1.3694	
C_1		0.029	0.040	0.029	0.040	0.067	

Coupling Type 1		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	←		
I_2	Input coupling I_3	0.0257	←		
	$\oplus + \ominus$ I_2	0.5190	←		
Coupling	C_1	2.06	←		

Part		Gear Ratio						
		3.02	3.28	3.56	4.07	4.48	4.95	
I_5, I_6	Teeth No.	34	32	30	27	25	23	
	L_3	986	1024	1077	1208	1357	1610	
	d_o	119.0	←	←	←	←	←	
	Pinion I_7	0.0672	0.0551	0.0449	0.0324	0.0257	0.0203	
	Disc I_8	0.0178	←	←	←	←	←	
Pinion + Disc Plate	$\oplus + \ominus$ I_5	0.085	0.0729	0.0627	0.0502	0.0435	0.0381	
	C_3	9.9452	9.5806	9.1051	8.1211	7.2254	6.0927	
	I_7 Wheel	Teeth No.	103	105	107	110	112	114
	I_7	3.0571	3.3890	3.7409	3.7835	4.1790	4.5994	
I_3	Teeth No.	44	←	←	←	←	←	
	CH+Piston+Plate I_3	0.1751	←	←	←	←	←	
	Sinterd I_4	0.0205	←	←	←	←	←	
I_4	$\oplus + \ominus$ I_3	0.1956	←	←	←	←	←	
	Teeth No.	44	←	←	←	←	←	
	CH+Piston+Plate I_4	0.1751	←	←	←	←	←	
I_8 Output Coupling	Sinterd I_6	0.0205	←	←	←	←	←	
	$\oplus + \ominus$ I_4	0.1956	←	←	←	←	←	
	I_8	0.3572	←	←	←	←	←	
I_9 Companion Coupling	I_9	0.4961	←	←	←	←	←	
	L_2	14,218	←	←	←	←	←	
Input Shaft	d_o	72.00	←	←	←	←	←	
	C_2	0.6897	←	←	←	←	←	
	L_4	1,116	←	←	←	←	←	
Output Shaft	d_o	139.04	←	←	←	←	←	
	C_4	8.7834	←	←	←	←	←	

MATERIAL		DATE 2016.09.23		SCALE		TYPE	DMT460HL	ORIGINAL DWG. NO.
APPROVED BY		CHECKED BY		DRAWN		DESIGNED		NAME
KIM JIN Ayoung				KS.Han				MASS ELASTIC SYSTEM
								DWG. NO.
								4 6 0 0 0 -2
								REV.
								001
								SIZE
								A
								CODE ID. NO.

Ⓢ D-I INDUSTRIAL