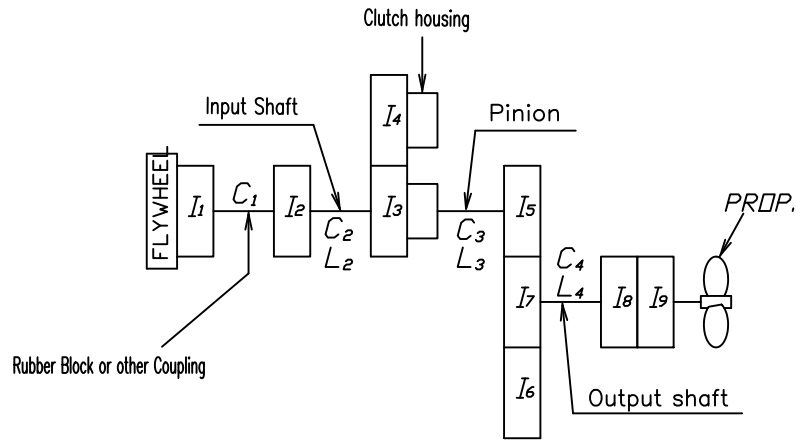
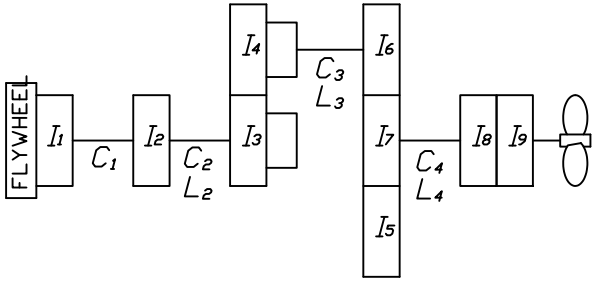
DWG.NO. 170000-2 003 REV.

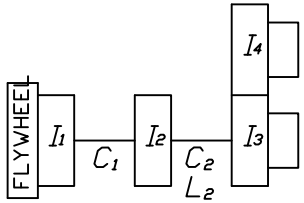
Counter Enginewise Rotation



Enginewise Rotation



Neutral



OPTION 1

Coupling Type		[Model : CFR-216] SAE# 1-14"					
		5%	10%	25%	50%	75%	100%
I1 I2 Flexible Coupling	Driving ring I1	0.1382	←	←	←	←	←
	Spider I①	0.0293	←	←	←	←	←
	Input coupling I②	0.0046	←	←	←	←	←
	①+② I2	0.0339	←	←	←	←	←
	C1	0.0025	0.005	0.0065	0.021	0.044	0.067

Coupling Type		Rubber Block Coupling		Dual Stage Rubber Coupling	
		SAE#2-11.5"	SAE#1-14"		SAE#1-14"
I1 I2 Coupling	Driving ring I1	0.1434	0.6188		0.4537
	Spider I①	0.0356	0.1417		0.1506
	Input coupling I②	0.0046	0.0046		0.0046
	①+② I2	0.0402	0.1463		0.1552
	C1	2.06	2.06		2.06

Part		Gear Ratio					
		4.04	4.48				
I5 , I6 Pinion + Disc Plate	Teeth No.	25	23				
	L3	4,062	4,431				
	d0	79.00	←				
	Pinion I①	0.0066	0.0052				
	Disc I②	0.0045	←				
	①+② I5	0.0111	0.0097				
	C3	2.4144	2.2133				
I7 Wheel	Teeth No.	101	103				
	I7	0.7609	0.8216				
I3 Clutch Housing Assy [Ahead parts]	Teeth No.	39	←				
	Ch+Piston+Plate I③	0.0338	←				
	Sinterd I④	0.0053	←				
	③+④ I3	0.0391	←				
I4 Clutch Housing Assy [Astern parts]	Teeth No.	39	←				
	Ch+Piston+Plate I⑤	0.0338	←				
	Sinterd I⑥	0.0053	←				
	⑤+⑥ I4	0.0391	←				
I8 Output Coupling	I8	0.1340	←				
I9 Companion Coupling	I9	0.1726	←				
Input Shaft	L2	44,298	←				
	d0	47.95	←				
	C2	0.2214	←				
Output Shaft	L4	4,731	←				
	d0	88.02	←				
	C4	2.0726	←				

REMARK

1. I : Moment of inertia [kg.m^2]
2. d : 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
C1	Centa coupling 추가	D4	003	19.05.09	I.B SHIN	

MATERIAL				TYPE	DMT170HL
	DATE 2007.09.04	SCALE N/S		NAME	MASS ELASTIC SYSTEM
APPROVED BY	CHECKED BY	DRAWN I.B.SHIN	DESIGNED	DWG. NO.	170000-2
D-I INDUSTRIAL		SIZE A	CODE ID. NO.	REV.	003

ORIGINAL DWG. NO.

SHEET OF