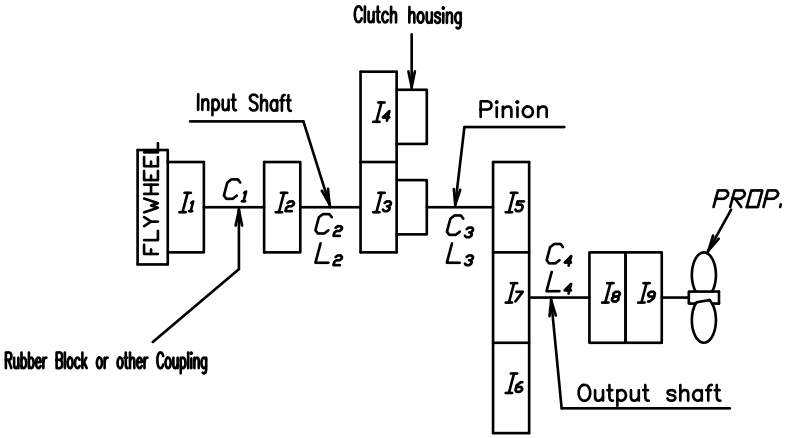
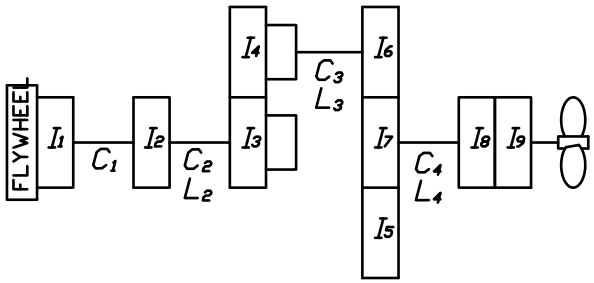
DWG.NO. 150000-2 REV. 004

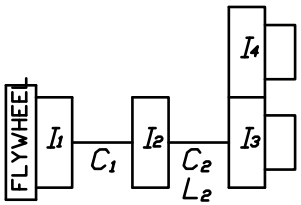
Counter Enginewise Rotation



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						
		1.83	2.09	2.51	3.08	3.43	2.29	2.81
I5, I6 Pinion + Disc Plate	Teeth No.	36	33	29	25	23	31	27
	L3	3,830	3,496	3,677	4,062	4,431	3,571	3,830
	d0	79.00	←	←	←	←	←	←
	Pinion I①	0.0219	0.0205	0.0126	0.0066	0.0052	0.0162	0.0095
	Disc I②	0.0045	←	←	←	←	←	←
	①+② I5	0.0264	0.025	0.0171	0.0111	0.0097	0.0207	0.014
	C3	2.8674	2.8050	2.6673	2.4144	2.2133	2.7462	2.5605
I7 Wheel	Teeth No.	66	69	73	77	79	71	76
	I7	0.2037	0.2632	0.3198	0.4232	0.4814	0.3017	0.3852
I3 Clutch Housing Assy [Ahead parts]	Teeth No.	39	←	←	←	←	←	←
	Clt+Piston+Plate I③	0.0338	←	←	←	←	←	←
	Sinterd I④	0.0053	←	←	←	←	←	←
	③+④ I3	0.0391	←	←	←	←	←	←
I4 Clutch Housing Assy [Astern parts]	Teeth No.	39	←	←	←	←	←	←
	Clt+Piston+Plate I⑤	0.0338	←	←	←	←	←	←
	Sinterd I⑥	0.0053	←	←	←	←	←	←
	⑤+⑥ I4	0.0391	←	←	←	←	←	←
I8 Output Coupling	I8	0.0451	←	←	←	←	←	←
I9 Companion Coupling	I9	0.0539	←	←	←	←	←	←
Input Shaft	L2	44,298	←	←	←	←	←	←
	d0	47.95	←	←	←	←	←	←
	C2	0.2214	←	←	←	←	←	←
Output Shaft	L4	4,731	←	←	←	←	←	←
	d0	88.02	←	←	←	←	←	←
	C4	2.0726	←	←	←	←	←	←

REMARK

1. Ixx=Moment of inertia [kg.m^2]
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]

MATERIAL				TYPE	DMT150H
	DATE 2007.09.04	SCALE N/S		NAME	MASS ELASTIC SYSTEM
APPROVED BY	CHECKED BY	DRAWN I.B.SHIN	DESIGNED	DWG. NO.	150000-2
D-I INDUSTRIAL				SIZE A	CODE ID. NO.

ORIGINAL DWG. NO. | REV. 004 | SHEET OF