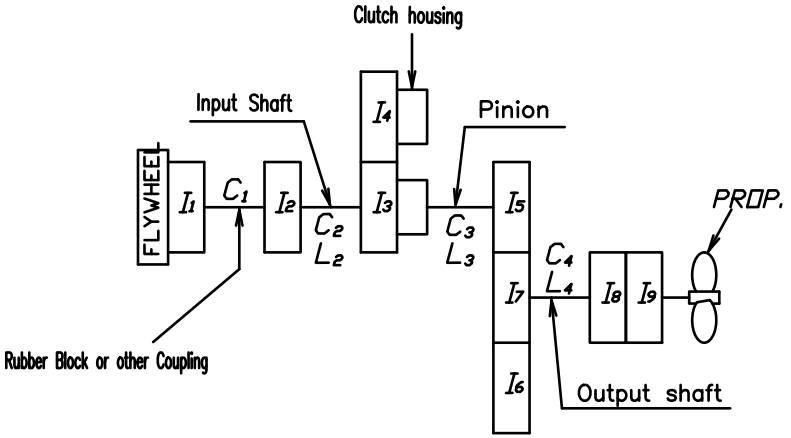
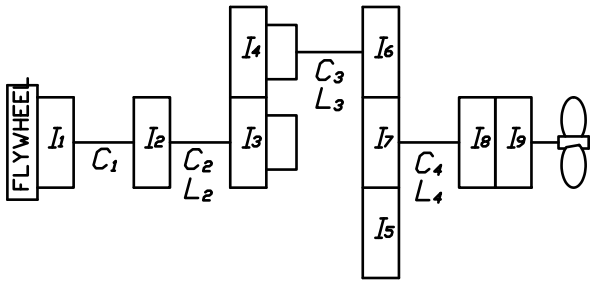
DWG.NO. 180000-2 REV. 003

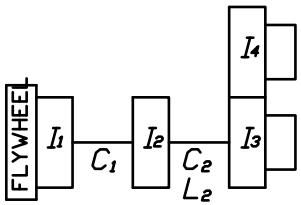
Counter Enginewise Rotation



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					
		5.15	5.96				
I5, I6 Pinion + Disc Plate	Teeth No.	26	23				
	L3	3,802	4,327				
	d0	79.00	←				
	Pinion I①	0.0080	0.0055				
	Disc I②	0.0045	←				
	①+② I5	0.0125	0.0100				
	C3	2.5797	2.2666				
I7 Wheel	Teeth No.	137	134				
	I7	2.3592	2.5525				
I3 Clutch Housing Assy [Ahead parts]	Teeth No.	47	←				
	Clt+Piston+Plate I⑤	0.0515	←				
	Sinterd I⑥	0.0053	←				
	⑤+⑥ I3	0.0568	←				
I4 Clutch Housing Assy [Astern parts]	Teeth No.	47	←				
	Clt+Piston+Plate I⑤	0.0515	←				
	Sinterd I⑥	0.0053	←				
	⑤+⑥ I4	0.0568	←				
I8 Output Coupling	I8	0.1584	←				
I9 Companion Coupling	I9	0.1726	←				
Input Shaft	L2	47,113	←				
	d0	47.95	←				
	C2	0.2082	←				
Output Shaft	L4	3,089	←				
	d0	104.03	←				
	C4	3.1741	←				

REMARK

1. I_{ox}=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	DMT180HL	ORIGINAL DWG. NO.
	DATE 2007.09.04	SCALE N/S			
APPROVED BY	CHECKED BY	DRAWN I.B.SHIN / DESIGNED	NAME	MASS ELASTIC SYSTEM	
D-I INDUSTRIAL			DWG. NO.	180000-2	REV. 003
			SIZE A	CODE ID. NO.	

6 SHEET OF

Dongi R&D-002(420 × 297)