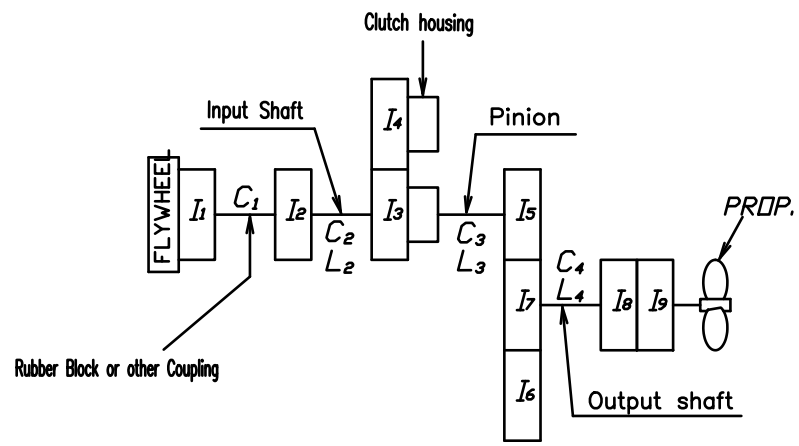
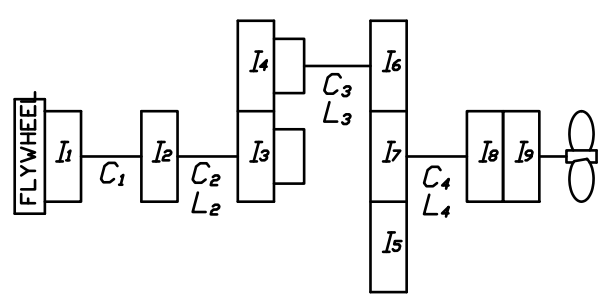


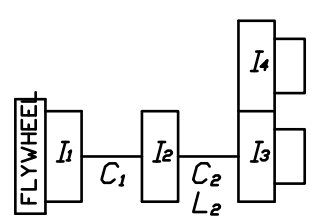
Counter Enginewise Rotation



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 I2	0.0293	←	←	←	←	←
	Input coupling I2	0.0046	←	←	←	←	←
	⊕+⊕ 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			
I1 I2 Coupling		SAE#2-11.5"		SAE#1-14"		SAE#1-14"	
	Driving ring I1	0.1434	0.6188			0.4537	
	Spider I2	0.0356	0.1417			0.1506	
	Input coupling I2	0.0050	0.0050			0.0050	
	⊕+⊕ I2	0.0406	0.1467			0.1556	
C1	2.06	2.06			2.06		
Part		Gear Ratio					
		1.83	2.09	2.51	3.08	3.43	
I5 . I6 Pinion + Disc Plate	Teeth No.	36	33	29	25	23	
	L3	2,883	2,959	3,138	3,883	4,250	
	d0	80.00	←	←	←	←	
	Pinion I6	0.0219	0.0162	0.0106	0.0066	0.0051	
	Disc I6	0.0050	←	←	←	←	
I7 Wheel	⊕+⊕ I5	0.0269	0.0212	0.0156	0.0116	0.0101	
	C3	3.4015	3.3146	3.1254	2.5255	2.3076	
	Teeth No.	66	69	73	77	79	
	I7	0.1779	0.2312	0.2776	0.2987	0.3421	
	I3 Clutch Housing Assy [Ahead parts]	Teeth No.	39	←	←	←	←
OH/Palm/Plate I3		0.0348	←	←	←	←	
Sinterd I3		0.0058	←	←	←	←	
⊕+⊕ I3		0.0406	←	←	←	←	
I4 Clutch Housing Assy [Asterm parts]	Teeth No.	39	←	←	←	←	
	OH/Palm/Plate I4	0.0348	←	←	←	←	
	Sinterd I4	0.0058	←	←	←	←	
	⊕+⊕ I4	0.0406	←	←	←	←	
I8 Output Coupling	I8	0.0714	←	←	←	←	
I9 Companion Coupling	I9	0.1615	←	←	←	←	
Input Shaft	L2	45,552	←	←	←	←	
	d0	47.95	←	←	←	←	
	C2	0.2153	←	←	←	←	
Output Shaft	L4	4,770	←	←	←	←	
	d0	89.02	←	←	←	←	
	C4	2.0559	←	←	←	←	

REMARK

1. I_α=Moment of inertia [kg.m²]
2. d₀=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		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE N/S		DMT190H			
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		MASS ELASTIC SYSTEM	
		I.B.SHIN		DWG. NO.		195000-2	
D-I INDUSTRIAL				SIZE	A	CODE ID. NO.	
						REV.	003