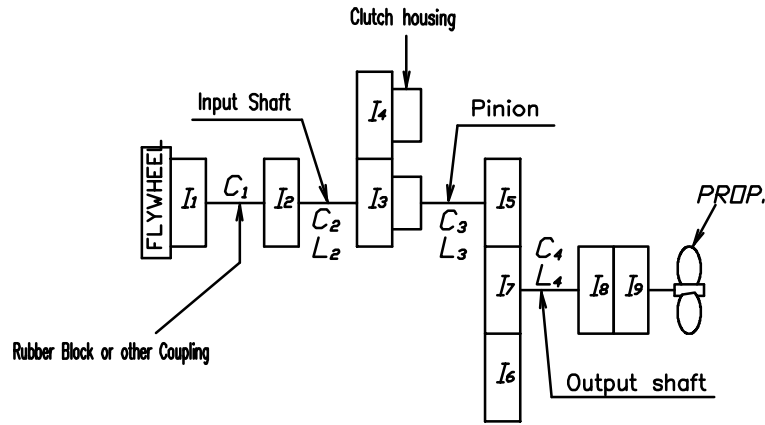
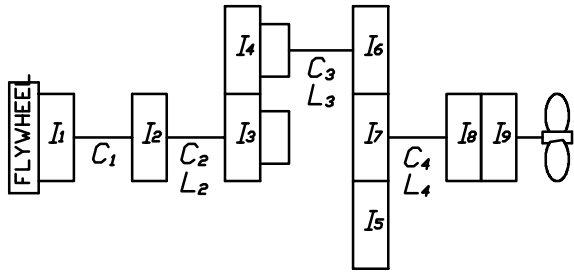


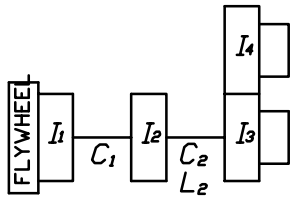
Counter Enginewise Rotation



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]

Coupling Type		Rubber Block Coupling		Dual Stage Rubber Coupling	
		SAE#2,3-11.5"	SAE#1-14"	SAE#2,3-11.5"	SAE#1-14"
I_1 I_2 Coupling	Driving ring I_1	0.1494	0.6530	0.1434	0.7191
	Spider I_{10}	0.0489	0.1269	0.0356	0.1057
	Input coupling I_{20}	0.0022	0.0022	0.0022	0.0022
	$\phi + \phi$ I_2	0.0511	0.1291	0.0378	0.1079
	C_1	2.06	2.06	2.06	2.06

Part		Gear Ratio					
		1.77	2.09	2.42	2.82	3.19	3.48
I_5, I_6 Pinion + Disc Plate	Teeth No.	47	42	38	34	31	29
	L_3	2,622	2,740	2,903	3,192	3,896	4,294
	d_o	70.00	←	←	←	←	←
	Pinion I_{10}	0.0163	0.0111	0.0080	0.0056	0.0042	0.0034
	Disc I_{20}	0.0018	←	←	←	←	←
I_7 Wheel	$\phi + \phi$ I_5	0.0181	0.0129	0.0098	0.0074	0.0060	0.0052
	C_3	3.7401	3.5796	3.3779	3.0727	2.5174	2.2837
	Teeth No.	83	88	92	96	99	101
	I_7	0.1039	0.1409	0.1624	0.1888	0.2095	0.2242
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	50	←	←	←	←	←
	CH Pinion+Plate I_{30}	0.0203	←	←	←	←	←
	Sinterd I_{30}	0.0029	←	←	←	←	←
I_4 Clutch Housing Assy [Astern parts]	$\phi + \phi$ I_3	0.0232	←	←	←	←	←
	Teeth No.	50	←	←	←	←	←
	CH Pinion+Plate I_{40}	0.0203	←	←	←	←	←
I_8 Output Coupling	Sinterd I_{40}	0.0029	←	←	←	←	←
	$\phi + \phi$ I_4	0.0232	←	←	←	←	←
	Teeth No.	50	←	←	←	←	←
I_9 Companion Coupling	I_8	0.0301	←	←	←	←	←
	I_9	0.0312	←	←	←	←	←
Input Shaft	L_2	62,842	←	←	←	←	←
	d_o	44.50	←	←	←	←	←
	C_2	0.1561	←	←	←	←	←
Output Shaft	L_4	5,879	←	←	←	←	←
	d_o	84.02	←	←	←	←	←
	C_4	1.6679	←	←	←	←	←

SYM.	DESCRIPTION	POSITION	REVISION	DATE	REV'D	APP'D

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE N/S		DMT110A			
APPROVED BY		CHECKED BY		NAME		MASS ELASTIC SYSTEM	
				DWG. NO. 110000-2		REV. 002	
D-I IND CO., LTD.				SIZE A3		CODE ID. NO.	