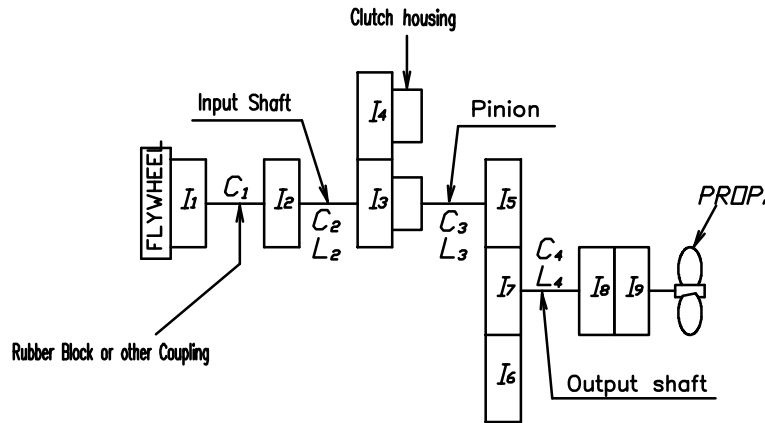
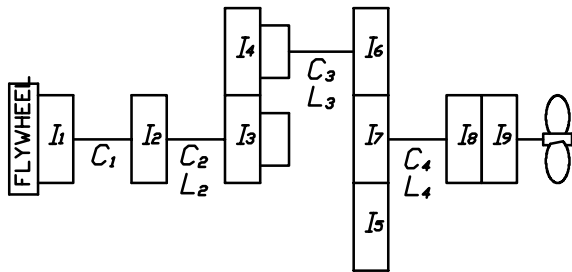


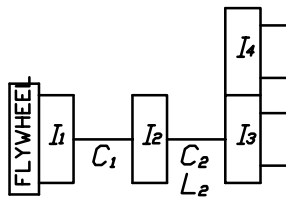
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1.  $I_{xx}$  = Moment of inertia [kg.m<sup>2</sup>]
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"	
$I_1$	Driving ring $I_1$	0.1494	0.6530	0.1434	0.7191
$I_2$ Coupling	Spider $I_{10}$	0.0489	0.1269	0.0356	0.1057
	Input coupling $I_{10}$	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			
		1.97	2.57	3.03	3.46
$I_5, I_6$ Pinion + Disc Plate	Teeth No.	42	35	31	28
	$L_3$	3,093	3,428	4,138	4,744
	$d_o$	70.00	←	←	←
	Pinion $I_{10}$	0.0134	0.0073	0.0050	0.0036
	Disc $I_{10}$	0.0018	←	←	←
	$\Phi + \Phi$ $I_5$	0.0152	0.0091	0.0068	0.0054
$I_7$ Wheel	$C_3$	3.1710	2.8606	2.3699	2.0674
	Teeth No.	83	90	94	97
$I_3$ Clutch Housing Assy [Ahead parts]	$I_7$	0.1296	0.1961	0.2436	0.2489
	Teeth No.	48	←	←	←
	CH/Piston/Plate $I_{10}$	0.0211	←	←	←
	Sinterd $I_{10}$	0.0029	←	←	←
$I_4$ Clutch Housing Assy [Astern parts]	$\Phi + \Phi$ $I_3$	0.0240	←	←	←
	Teeth No.	48	←	←	←
	CH/Piston/Plate $I_{10}$	0.0211	←	←	←
$I_8$ Output Coupling	Sinterd $I_{10}$	0.0029	←	←	←
	$\Phi + \Phi$ $I_4$	0.0240	←	←	←
	$I_8$	0.0301	←	←	←
$I_9$ Companion Coupling	$I_9$	0.0312	←	←	←
	$L_2$	65,120	←	←	←
	$d_o$	42.90	←	←	←
Input Shaft	$C_2$	0.1506	←	←	←
	$L_4$	6,050	←	←	←
	$d_o$	84.02	←	←	←
Output Shaft	$C_4$	1.6208	←	←	←

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

MATERIAL		TYPE	DMT140H	ORIGINAL DWG. NO.
DATE	2007.09.04	SCALE		
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME
				MASS ELASTIC SYSTEM
			DWG. NO.	140000-2
			REV.	002
D-I IND CO., LTD.		SIZE	A	CODE ID. NO.