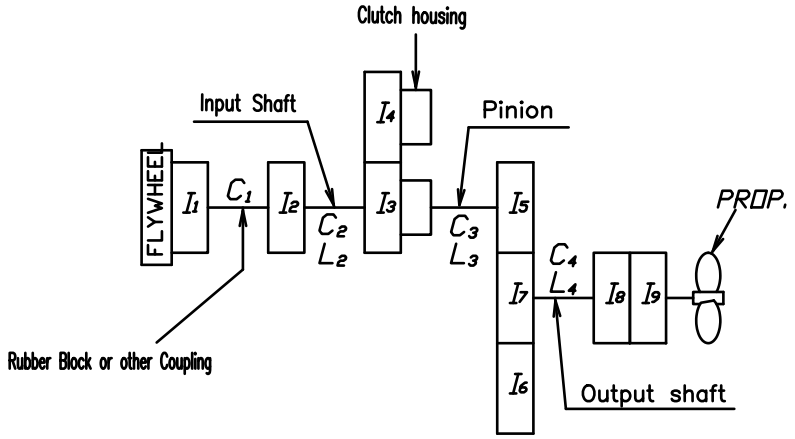
DWG.NO. 025000-2 REV. 002

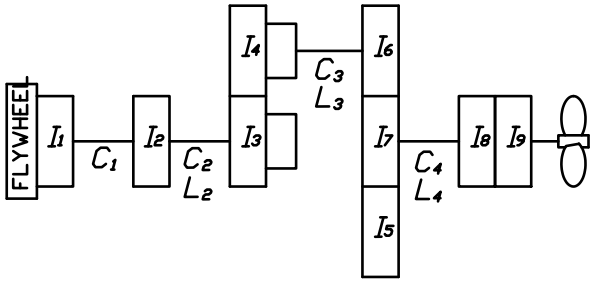
Counter Enginewise Rotation



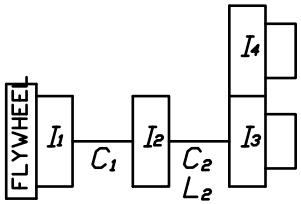
Coupling Type		Rubber Block Coupling			
		SAE#3–11.5"	SAE#4–10"	SAE#5–7.5"	
I_1 I_2 Coupling	Driving ring I_1	0.1736	0.1153	0.0346	
	Spider $I_①$	0.0861	0.0861	0.0040	
	Input coupling $I_②$	0.0005	0.0005	0.0005	
	①+② I_2	0.0866	0.0866	0.0045	
	C_1	2.06	2.06	2.06	

Part		Gear Ratio					
		1.64	2.07	2.52	2.96	3.32	3.52
I_5, I_6 Pinion + Disc Plate	Teeth No.	36	31	27	24	22	21
	L_3	13,153	13,690	14,599	15,951	18,605	19,464
	d_0	43.00	←	←	←	←	←
	Pinion $I_①$	0.0014	0.0009	0.0006	0.0004	0.0003	0.0003
	Disc $I_②$	0.0003	←	←	←	←	←
	①+② I_5	0.0017	0.0012	0.0009	0.0007	0.0006	0.0006
	C_3	0.7456	0.7163	0.6717	0.6148	0.5271	0.5038
I_7 Wheel	Teeth No.	59	64	68	71	73	74
	I_7	0.0080	0.0105	0.0149	0.0152	0.0168	0.0175
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←
	CH+Piston+Plate $I_③$	0.0040	←	←	←	←	←
	Sinterd $I_④$	0.0006	←	←	←	←	←
	③+④ I_3	0.0046	←	←	←	←	←
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	44	←	←	←	←	←
	CH+Piston+Plate $I_⑤$	0.0040	←	←	←	←	←
	Sinterd $I_⑥$	0.0006	←	←	←	←	←
	⑤+⑥ I_4	0.0040	←	←	←	←	←
I_8 Output Coupling	I_8	0.0019	←	←	←	←	←
I_9 Companion Coupling	I_9	0.0021	←	←	←	←	←
Input Shaft	L_2	330,939	←	←	←	←	←
	d_0	25.80	←	←	←	←	←
	C_2	0.0296	←	←	←	←	←
Output Shaft	L_4	52,288	←	←	←	←	←
	d_0	44.024	←	←	←	←	←
	C_4	0.1912	←	←	←	←	←

Enginewise Rotation



Neutral



REMARK

1. I_{xx}=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]

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

MATERIAL				TYPE	DMT25AL	ORIGINAL DWG. NO.
	DATE 2007.09.04	SCALE N/S				
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME	MASS ELASTIC SYSTEM	
	Kim.Jinkyeong			DWG. NO.	025000-2	REV. 002
D-I IND CO., LTD.				SIZE	A3	CODE ID. NO.

SHEET 1 OF 1