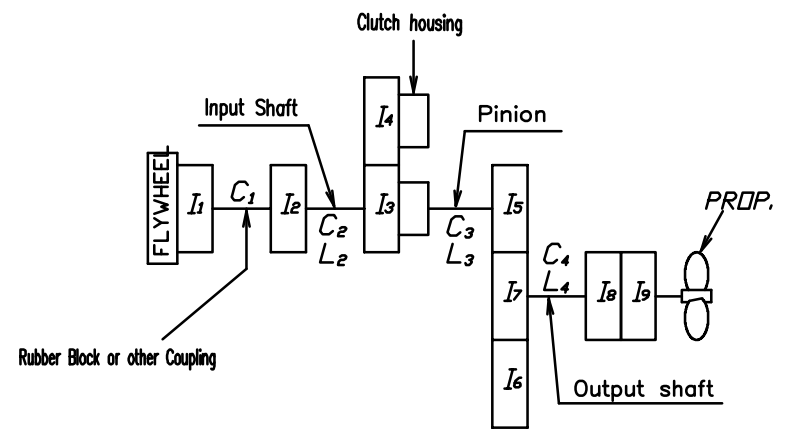
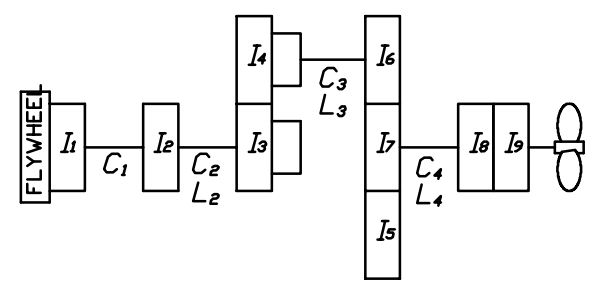


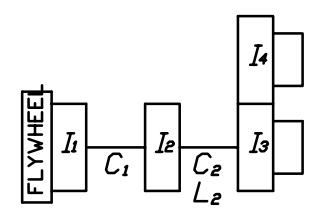
Counter Enginewise Rotation



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]

OPTION 2	Coupling Type	[Model : HC 4000] SAE# 14"		[Model : HC 4000] SAE# 18"		[Model : HC 8000] SAE# 18"
		HS 60	HS 65	HS 60	HS 65	HS 57
I_1 I_2 Flexible Coupling	Driving ring I_1	0.2570	←	0.2570	←	0.8999
	Outer Stopper I_2	0.4405	←	1.4938	←	1.0109
	$\odot + \odot$ I_1	0.6975	←	1.7508	←	1.9108
	Spider I_3	0.4082	←	0.4082	←	0.7898
	Dummy I_4	0.0765	←	0.0765	←	0.2610
	Input coupling I_5	0.0168	←	0.0168	←	0.0168
	Inner Stopper I_6	0.1161	←	0.1161	←	0.2949
	$\odot + \odot + \odot + \odot$ I_2	0.6176	←	0.6176	←	1.3625
	C_1	0.029	0.040	0.029	0.040	0.067

OPTION 1	Coupling Type	Rubber Block Coupling	
		SAE#1-14"	SAE#0-18"
I_1 I_2 Coupling	Driving ring I_1	0.4123	1.1907
	Spider I_3	0.4275	←
	Input coupling I_5	0.0168	←
	$\odot + \odot$ I_2	0.4443	←
	C_1	2.06	←

Part		Gear Ratio					
		1.50	1.97	2.44	2.93	3.40	
I_5, I_6	Teeth No.	44	37	32	28	25	
	L_3	1,408	1,503	1,659	2,009	2,448	
	d_o	98.00	←	←	←	←	
	Pinion I_7	0.0565	0.0312	0.0193	0.0127	0.0089	
	Disc I_8	0.0096	←	←	←	←	
Pinion + Disc Plate	$\odot + \odot$ I_5	0.0661	0.0408	0.0289	0.0223	0.0185	
	C_3	6.9670	6.5249	5.9095	4.8805	4.0058	
	I_7 Wheel	Teeth No.	66	73	78	82	85
		I_7	0.2403	0.3431	0.4366	0.5469	0.5939
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	38	←	←	←	←	
	CHP/Plate I_3	0.0742	←	←	←	←	
	Sinterd I_3	0.0100	←	←	←	←	
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	38	←	←	←	←	
	CHP/Plate I_4	0.0742	←	←	←	←	
	Sinterd I_4	0.0100	←	←	←	←	
$\odot + \odot$ I_4	$\odot + \odot$ I_4	0.0842	←	←	←	←	
	I_8 Output Coupling	I_8	0.0844	←	←	←	←
I_9 Companion Coupling	I_9	0.1622	←	←	←	←	
	Input Shaft	L_2	28,172	←	←	←	←
d_o		57.00	←	←	←	←	
C_2		0.3481	←	←	←	←	
Output Shaft	L_4	3,875	←	←	←	←	
	d_o	94.02	←	←	←	←	
	C_4	2.5307	←	←	←	←	

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

MATERIAL	DATE 2007.09.04	SCALE	TYPE	DMT240H	ORIGINAL DWG. NO.
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME	MASS ELASTIC SYSTEM
KIM JUNG HONG			DWG. NO. 240000-2		
D-I IND CO., LTD.			SIZE	A	CODE ID. NO.
REV. 002					