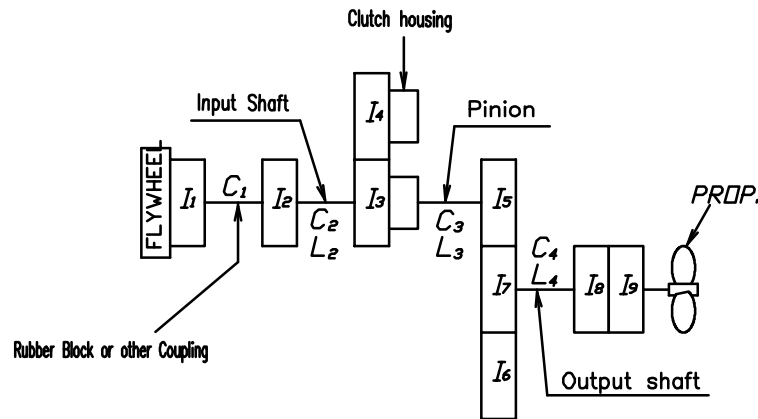
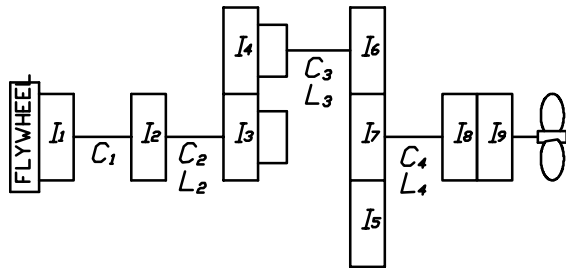


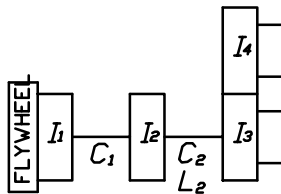
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1. I_{α} = 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	[Model : HC 4000] SAE# 14"		[Model : HC 4000] SAE# 16"		[Model : HC 6000] SAE# 18"	
	HS 60	HS 65	HS 60	HS 65	HS 60	HS 65
OPTION 2 I_1 I_2 Flexible Coupling	Driving ring I_{\odot}	0.2570	←	0.2570	←	0.8999
	Outer Stopper I_{\ominus}	0.4405	←	1.4938	←	1.0109
	$\odot + \ominus$ I_i	0.6975	←	1.7508	←	1.9108
	Spider I_{\odot}	0.4082	←	0.4082	←	0.7898
	Dummy I_{\ominus}	0.0765	←	0.0765	←	0.2610
	Input coupling I_{\odot}	0.0273	←	0.0273	←	0.0273
	Inner Stopper I_{\ominus}	0.1161	←	0.1161	←	0.2949
	$\odot + \ominus + \odot + \ominus$ I_2	0.6281	←	0.6281	←	1.3730
	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_{\odot}	0.4276	←		
		Input coupling I_{\odot}	0.0273	←		
	$\odot + \ominus$ I_2	0.4549	←			
C_1	2.06	←				

Part		Gear Ratio				
		5.11	5.62	5.91	6.57	6.95
I_5, I_6	Teeth No.	26	24	23	21	20
	L_3	2,424	2,567	2,667	2,955	3,177
	d_o	98.00	←	←	←	←
	Pinion + Disc Plate					
	Pinion I_{\odot}	0.0244	0.0192	0.0170	0.0132	0.0117
	Disc I_{\ominus}	0.0108	←	←	←	←
I_7 Wheel	$\odot + \ominus$ I_5	0.0352	0.0300	0.0278	0.0240	0.0225
	C_3	5.6556	5.0944	4.7744	4.0591	3.6702
	Teeth No.	133	135	136	138	139
	I_7	9.4571	10.0944	10.4237	11.1039	11.4550
	I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	38	←	←	←
GHT Pinion Plate I_{\odot}		0.0783	←	←	←	←
Sinterd I_{\odot}		0.0111	←	←	←	←
$\odot + \ominus$ I_3		0.0894	←	←	←	←
I_4 Clutch Housing Assy [Asterm parts]	Teeth No.	38	←	←	←	←
	GHT Pinion Plate I_{\odot}	0.0783	←	←	←	←
	Sinterd I_{\odot}	0.0111	←	←	←	←
	$\odot + \ominus$ I_4	0.0894	←	←	←	←
I_8 Output Coupling	I_8	0.3249	←	←	←	←
I_9 Companion Coupling	I_9	0.4825	←	←	←	←
Input Shaft	L_2	35,153	←	←	←	←
	d_o	60.00	←	←	←	←
	C_2	0.2790	←	←	←	←
Output Shaft	L_4	1,921	←	←	←	←
	d_o	120.0	←	←	←	←
	C_4	5,1026	←	←	←	←

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

MATERIAL		TYPE		ORIGINAL DWG. NO.	
DATE 2010.08.10		DMTP6500			
APPROVED BY		NAME		MASS ELASTIC SYSTEM	
CHECKED BY		DRAWN		DESIGNED	
		DWG. NO.		6 5 0 0 0 0 -2	
		REV.		002	
		SIZE		A	
		CODE ID. NO.			

D-I IND CO., LTD.