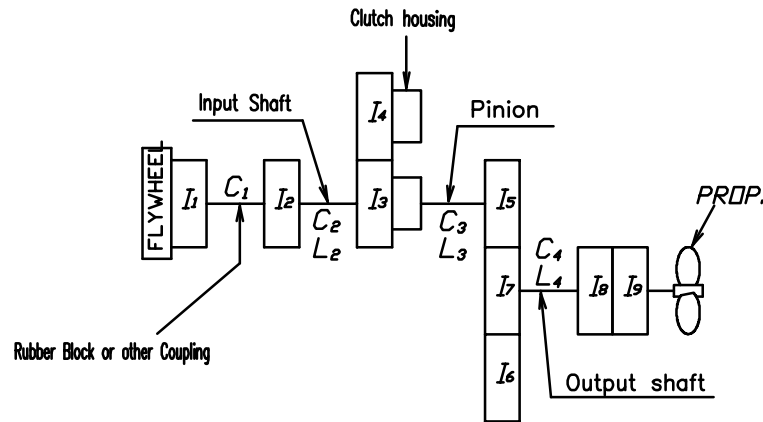
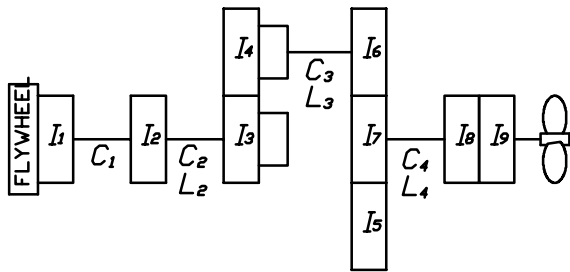


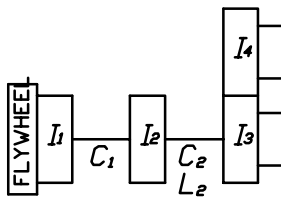
Counter Enginewise Rotation



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]

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

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	
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 $I_{\odot}$	0.0168	←	0.0168	←	0.0168	
	Inner Stopper $I_{\ominus}$	0.1161	←	0.1161	←	0.2949	
	$\odot + \ominus + \odot$ $I_i$	0.6176	←	0.6176	←	1.3625	
	$C_1$	0.029	0.040	0.029	0.040		

OPTION 1	Coupling Type	Rubber Block Coupling		Gear Ratio			
		SAE#1-14"	SAE#0-18"	4.08	4.52		
Coupling	Driving ring $I_i$	0.4123	1.1907				
	Spider $I_{\odot}$	0.4275	←				
	Input coupling $I_{\odot}$	0.0168	←				
	$\odot + \ominus$ $I_i$	0.4443	←				
	$C_1$	2.06	←				
$I_5, I_6$	Teeth No.	25	23				
	$L_3$	1,944	2,109				
	$d_o$	98.00	←				
	Pinion $I_{\odot}$	0.0183	0.0141				
	Disc $I_{\ominus}$	0.0108	←				
	$\odot + \ominus$ $I_5$	0.0291	0.0249				
Pinion + Disc Plate	$C_3$	5.0442	4.6502				
	Teeth No.	102	104				
	$I_7$	2.5666	2.7491				
$I_7$ Wheel	Teeth No.	50	←				
	Clutch Housing Assy [Ahead parts]	CH/Flsln+Plate $I_{\odot}$	0.0783	←			
	Sinterd $I_{\odot}$	0.0111	←				
	$\odot + \ominus$ $I_3$	0.0894	←				
$I_4$ Clutch Housing Assy [Astern parts]	Teeth No.	50	←				
	CH/Flsln+Plate $I_{\odot}$	0.0783	←				
	Sinterd $I_{\odot}$	0.0111	←				
	$\odot + \ominus$ $I_4$	0.0894	←				
$I_8$ Output Coupling	$I_8$	0.2504	←				
$I_9$ Companion Coupling	$I_9$	0.2946	←				
Input Shaft	$L_2$	28,723	←				
	$d_o$	57.00	←				
	$C_2$	0.3414	←				
Output Shaft	$L_4$	2,175	←				
	$d_o$	109.03	←				
	$C_4$	4.5077	←				

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE		DMT280HL			
APPROVED BY		CHECKED BY		NAME		MASS ELASTIC SYSTEM	
		Kim J. Kim		DWG. NO.		280000-2	
				REV.		002	
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