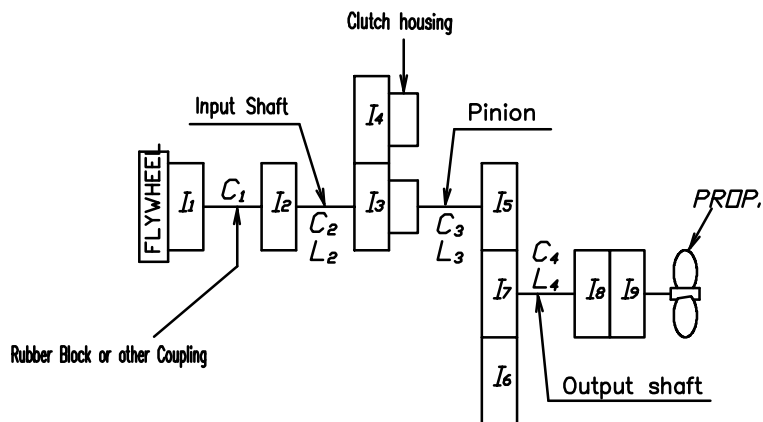
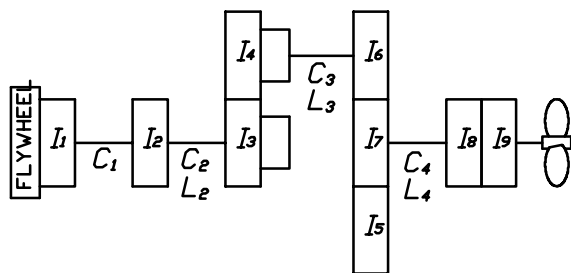


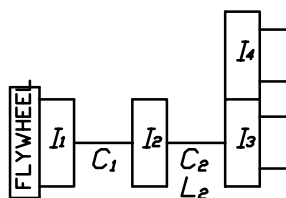
Counter Enginewise Rotation



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	[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	
$\odot + \odot + \odot$ $I_2$	0.6176	0.6176	1.3625		
$C_1$	0.029	0.040	0.040	0.067	

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 $I_2$	0.4275	
	Input coupling $I_3$	0.0168	
	$\odot + \odot$ $I_2$	0.4443	
	$C_1$	2.06	

Part		Gear Ratio				
		2.06	2.50	2.92	3.26	
$I_5, I_6$	Teeth No.	32	28	25	23	
	$L_3$	1,451	1,552	1,778	1,942	
	$d_o$	98.00				
	Pinion + Disc Plate	Pinion $I_7$	0.0406	0.0259	0.0179	0.0138
		Disc $I_8$	0.0096			
		$\odot + \odot$ $I_5$	0.0502	0.0355	0.0275	0.0234
	$C_3$	6.7563	6.3204	5.5171	5.0492	
$I_7$ Wheel	Teeth No.	66	70	73	75	
	$I_7$	0.5120	0.6216	0.7695	0.8786	
$I_3$ Clutch Housing Assy [Ahead parts]	Teeth No.	38				
	Cliff Plate $I_4$	0.0742				
	Sinterd $I_5$	0.0100				
	$\odot + \odot$ $I_3$	0.0842				
$I_4$ Clutch Housing Assy [Astern parts]	Teeth No.	38				
	Cliff Plate $I_6$	0.0742				
	Sinterd $I_7$	0.0100				
	$\odot + \odot$ $I_4$	0.0842				
$I_8$ Output Coupling	$I_8$	0.1463				
$I_9$ Companion Coupling	$I_9$	0.1886				
Input Shaft	$L_2$	28,172				
	$d_o$	57.00				
	$C_2$	0.3481				
Output Shaft	$L_4$	2,407				
	$d_o$	109.03				
	$C_4$	4.0736				

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

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE		DMT260H			
APPROVED BY		CHECKED BY		NAME		MASS BLASTIC SYSTEM	
				DWG. NO.		250000-2	
				REV.		002	
D-I IND CO., LTD.				SIZE A		CODE ID. NO.	