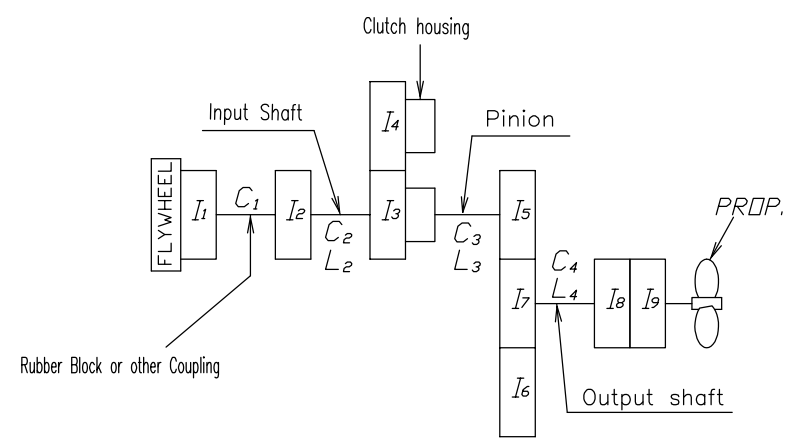
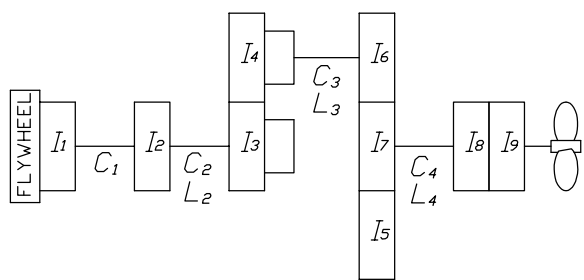


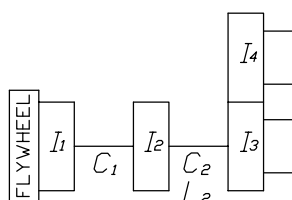
Counter Enginewise Rotation



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]

SYM.	DESCRIPTION	POSITION	REVISION	DATE	REV'D	APP'D
A	Coupling HC-4000 → 1-14, 0-18 주가	D4	001	09.12.24		
B	Coupling HC-8000 → 0-18 주가	D4	002	09.12.24		
C	Centa Flexible Coupling 주가	D4	003	16.09.23	B.Shin	

Coupling Type 3		Model : CFR-268 SAE# 1-14"					
Centa Flexible Coupling		5%	10%	25%	50%	75%	100%
I_1	Driving ring I_{\odot}	0.2276	←	←	←	←	←
I_2	Spider I_{\odot}	0.2139	←	←	←	←	←
	$\odot + \odot$ I_1	0.4415	←	←	←	←	←
	C_1	0.004	0.008	0.015	0.047	0.085	0.122
Coupling Type 2		Model : HC 4000 SAE# 14"		Model : HC 4000 SAE# 18"		Model : HC 8000 SAE# 18"	
Flexible Coupling		HS 60	HS 65	HS 60	HS 65	HS 57	
I_1	Driving ring I_{\odot}	0.2570	←	0.2570	←	0.8999	
I_2	Outer Stopper I_{\odot}	0.4405	←	1.4938	←	1.0109	
	$\odot + \odot$ I_1	0.6975	←	1.7508	←	1.9108	
	Spider I_{\odot}	0.4082	←	0.4082	←	0.7898	
	Dummy I_{\odot}	0.0765	←	0.0765	←	0.2610	
	Input coupling I_{\odot}	0.0168	←	0.0168	←	0.0168	
	Inner Stopper I_{\odot}	0.1161	←	0.1161	←	0.2949	
	$\odot + \odot$ I_2	0.6176	←	0.6176	←	1.3625	
	C_1	0.029	0.040	0.029	0.040	0.067	
Coupling Type 1		Rubber Block Coupling					
Rubber Coupling		SAE# 1-14"		SAE# 0-18"			
I_1	Driving ring I_1	0.4123		1.1907			
I_2	Spider I_{\odot}	0.4275	←				
	Input coupling I_{\odot}	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 I_{\odot}	0.0406	0.0259	0.0179	0.0138
	Disc I_{\odot}	0.0096	←	←	←
	$\odot + \odot$ I_5	0.0502	0.0355	0.0275	0.0234
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	←	←	←
	CH+Piston+Plate I_{\odot}	0.0742	←	←	←
	Sinterd I_{\odot}	0.0100	←	←	←
	$\odot + \odot$ I_3	0.0842	←	←	←
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	38	←	←	←
	CH+Piston+Plate I_{\odot}	0.0742	←	←	←
	Sinterd I_{\odot}	0.0100	←	←	←
	$\odot + \odot$ I_4	0.0842	←	←	←
I_8 Output Coupling	I_8	0.1463	←	←	←
I_9 Companion Coupling	I_9	0.1886	←	←	←
	L_2	28,172	←	←	←
	d_o	57.00	←	←	←
	C_2	0.3481	←	←	←
Input Shaft	L_4	2,407	←	←	←
	d_o	109.03	←	←	←
	C_4	4.0736	←	←	←
Output Shaft	d_o	109.03	←	←	←

MATERIAL		DATE 2016.09.23		SCALE		TYPE		DMT260H		ORIGINAL DWG. NO.	
APPROVED BY		CHECKED BY		DRAWN		DESIGNED		NAME		MASS ELASTIC SYSTEM	
		Kim Jin Hyung						DWG. NO.		250000-2	
								SIZE		A	
								CODE ID. NO.			