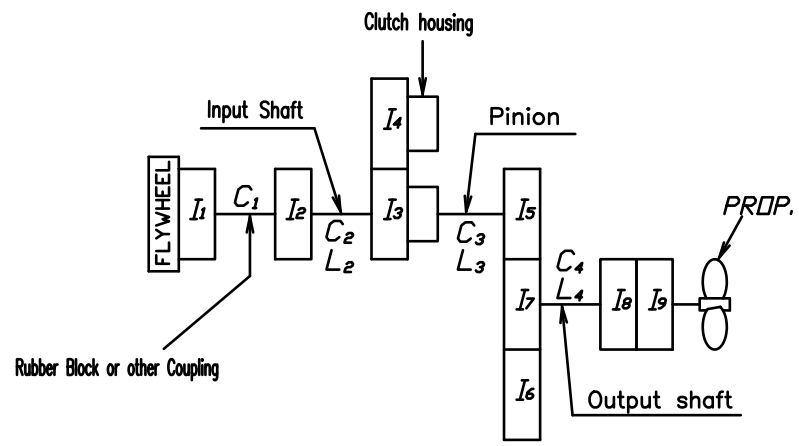
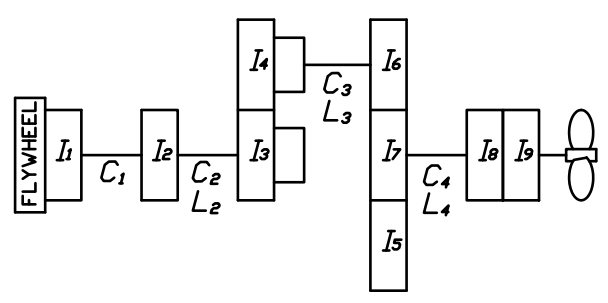


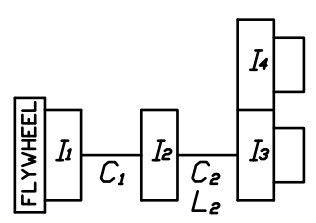
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1. I_{α} = Moment of inertia [kg.m²]
2. d_{α} = 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 3	Centa Flexible Coupling		[Model : CR-310] SAE 1-14"						
			5%	10%	25%	50%	75%	100%	
I_1 I_2	Centa Flexible Coupling	Driving ring I_{\odot}	0.2772	←	←	←	←	←	
		Spider I_{\otimes}	0.1916	←	←	←	←	←	
		$\odot + \otimes$ I_1	0.4688	←	←	←	←	←	
		C_1	0.006	0.012	0.023	0.073	0.115	0.178	
Coupling Type 2	HC Coupling		[Model : HC 4000] SAE 1-14"		[Model : HC 4000] SAE 0-18"		[Model : HC 6000] SAE 0-18"		
	I_1 I_2	Flexible Coupling	HS 60	HS 65	HS 60	HS 65	HS 57		
			Driving ring I_{\odot}	0.2570	←	0.2570	←	0.8999	
			Outer Stopper I_{\otimes}	0.4405	←	1.4938	←	1.0109	
$\odot + \otimes$ I_1			0.6975	←	1.7508	←	1.9108		
Coupling Type 1	Rubber Coupling		Rubber Block Coupling						
	I_1 I_2	Coupling	SAE #1-14"		SAE #0-18"				
			Driving ring I_{\odot}	0.7151	1.5513				
			Spider I_{\otimes}	0.4933	←				
			Input coupling I_{\otimes}	0.0300	←				
			$\odot + \otimes$ I_2	0.5233	←				
			C_1	2.06	←				
			Part		Gear Ratio				
			1.43	1.72	2.03	2.46	2.53	2.76	
I_5, I_6	Teeth No.	37	33	30	26	26	24		
	L_3	456	516	594	986	986	1,173		
	d_0	119.0	←	←	←	←	←		
	Pinion I_{\odot}	0.0725	0.0551	0.0440	0.0275	0.0275	0.0214		
	Disc I_{\otimes}	0.0178	←	←	←	←	←		
	$\odot + \otimes$ I_5	0.0903	0.0729	0.0618	0.0453	0.0453	0.0392		
I_7 Wheel	Teeth No.	55	57	61	64	66	66		
	I_7	0.2328	0.3693	0.4715	0.5893	0.5998	0.5998		
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←		
	Oil/Palm/Plate I_{\otimes}	0.1751	←	←	←	←	←		
	Sinterd I_{\otimes}	0.0205	←	←	←	←	←		
	$\odot + \otimes$ I_3	0.1956	←	←	←	←	←		
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	44	←	←	←	←	←		
	Oil/Palm/Plate I_{\otimes}	0.1751	←	←	←	←	←		
	Sinterd I_{\otimes}	0.0205	←	←	←	←	←		
	$\odot + \otimes$ I_4	0.1956	←	←	←	←	←		
I_8 Output Coupling	I_8	0.1035	←	←	←	←	←		
I_9 Companion Coupling	I_9	0.1285	←	←	←	←	←		
	L_2	13,733	←	←	←	←	←		
	d_0	72.00	←	←	←	←	←		
Input Shaft	C_2	0.7141	←	←	←	←	←		
	L_4	2,645	←	←	←	←	←		
	d_0	109.03	←	←	←	←	←		
Output Shaft	C_4	3.7077	←	←	←	←	←		

MATERIAL		DATE		TYPE		ORIGINAL DWG. NO.	
2016.09.23		SCALE		DMT400H			
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		REVISION	
Kim Jin Ho		KS	Han	MASS ELASTIC SYSTEM		REV. 003	
DWG. NO. 400000-2				SIZE		CODE ID. NO.	
D-I INDUSTRIAL				A			