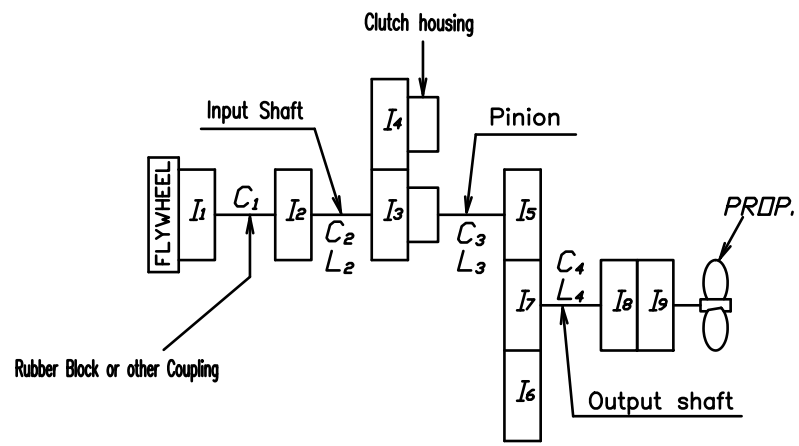
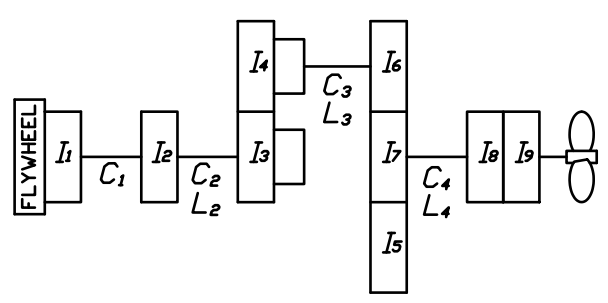


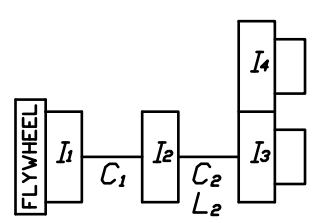
Counter Enginewise Rotation



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]

Coupling Type 3	Centa Flexible Coupling		[Model : CR-30] SAE# 1-14"					
			5%	10%	25%	50%	75%	100%
I_1 I_2 Centa Flexible Coupling	Driving ring I_1	I_2	0.2276	←	←	←	←	←
	Spider I_1	I_2	0.2139	←	←	←	←	←
	$\odot + \odot$ I_1	I_2	0.4415	←	←	←	←	←
	C_1		0.004	0.008	0.015	0.047	0.085	0.122
[Model : CR-30] SAE# 0-10"	Driving ring I_1	I_2	0.2276	←	←	←	←	←
	Spider I_1	I_2	0.2139	←	←	←	←	←
	$\odot + \odot$ I_1	I_2	0.4415	←	←	←	←	←
	C_1		0.004	0.008	0.015	0.047	0.085	0.122
Coupling Type 2	HC Coupling		[Model : HC 4000] SAE# 1-14"		[Model : HC 4000] SAE# 0-10"		[Model : HC 6000] SAE# 0-10"	
			HS 60	HS 65	HS 60	HS 65	HS 57	
I_1 I_2 Flexible Coupling	Driving ring I_1	I_2	0.2570	←	0.2570	←	0.8999	
	Outer Slipper I_1	I_2	0.4405	←	1.4938	←	1.0109	
	$\odot + \odot$ I_1	I_2	0.6975	←	1.7508	←	1.9108	
	Spider I_1	I_2	0.4082	←	0.4082	←	0.7898	
	Dummy I_1	I_2	0.0765	←	0.0765	←	0.2610	
	Input coupling I_1	I_2	0.0168	←	0.0168	←	0.0168	
	Inner Slipper I_1	I_2	0.1161	←	0.1161	←	0.2949	
	$\odot + \odot + \odot + \odot$ I_1	I_2	0.6176	←	0.6176	←	1.3625	
C_1		0.029	0.040	0.029	0.040	0.067		
Coupling Type 1	Rubber Coupling		Rubber Block Coupling					
			SAE#1-14"	SAE#0-18"				
I_1 I_2 Coupling	Driving ring I_1	I_2	0.4123	1.1907				
	Spider I_1	I_2	0.4275	←				
	Input coupling I_1	I_2	0.0168	←				
	$\odot + \odot$ I_1	I_2	0.4443	←				
	C_1		2.06	←				

Part	Gear Ratio	Gear Ratio					
		4.08	4.52	5.04	3.53		
I_5, I_6 Pinion + Disc Plate	Teeth No.	25	23	21	28		
	L_3	1,778	1,942	2,105	1,622		
	d_o	98.00	←	←	←		
	Pinion I_5	0.0179	0.0138	0.0098	0.0261		
	Disc I_6	0.0096	←	←	←		
	$\odot + \odot$ I_5	0.0275	0.0234	0.0194	0.0357		
I_7 Wheel	Teeth No.	102	104	106	99		
	I_7	2.5666	2.7491	2.9412	2.3684		
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	50	←	←	←		
	Clutch Plate I_3	0.0742	←	←	←		
	Sintered I_3	0.0100	←	←	←		
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	50	←	←	←		
	Clutch Plate I_4	0.0742	←	←	←		
	Sintered I_4	0.0100	←	←	←		
I_8 Output Coupling	I_8	0.2504	←	←	←		
	I_9 Companion Coupling	I_9	0.2946	←	←	←	
Input Shaft	L_2	28,172	←	←	←		
	d_o	57.00	←	←	←		
Output Shaft	C_2	0.3481	←	←	←		
	L_4	2,175	←	←	←		
	d_o	109.03	←	←	←		
	C_4	4.5077	←	←	←		

MATERIAL		DATE 2017.01.19		SCALE		TYPE DMT260HL		ORIGINAL DWG. NO.	
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		MASS ELASTIC SYSTEM			
Kim J. A. [Signature]				DWG. NO.		2 6 0 0 0 0-2		REV. 004	
D-I INDUSTRIAL				SIZE A		CODE ID. NO.			