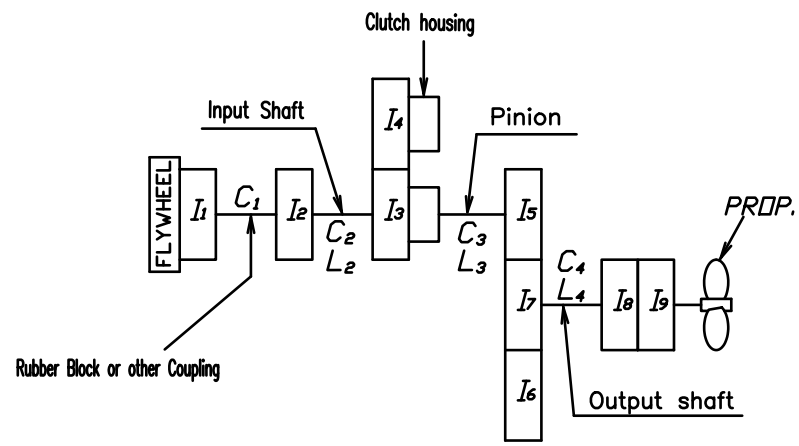
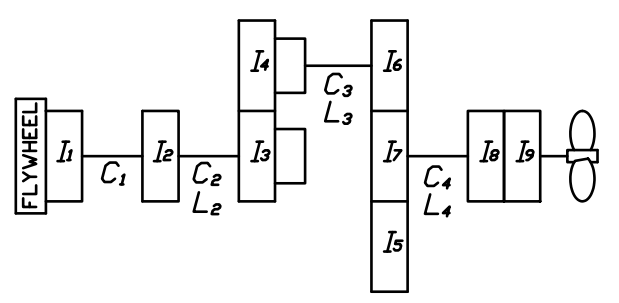


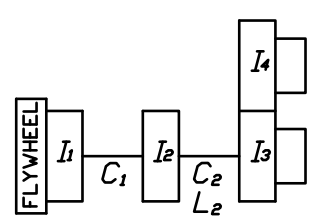
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1. I_x = 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]

Centa Flexible Coupling		Model : CR-200 SAE# 1-14"					
		5%	10%	25%	50%	75%	100%
I_1 I_2	Driving ring I_1	0.2276	←	←	←	←	←
	Spider I_2	0.2139	←	←	←	←	←
	$\oplus + \oplus$ I_1	0.4415	←	←	←	←	←
	C_1	0.004	0.008	0.015	0.047	0.085	0.122
		Model : CR-200 SAE# 0-10"					
I_1 I_2	Driving ring I_1	0.2276	←	←	←	←	←
	Spider I_2	0.2139	←	←	←	←	←
	$\oplus + \oplus$ I_1	0.4415	←	←	←	←	←
	C_1	0.004	0.008	0.015	0.047	0.085	0.122
		Model : HC 4000 SAE# 1-14"					
		HS 60	HS 65	HS 60	HS 65	HS 57	
I_1 I_2	Driving ring I_1	0.2570	←	0.2570	←	←	0.8999
	Outer Stopper I_2	0.4405	←	←	←	←	1.0109
	$\oplus + \oplus$ I_1	0.6975	←	1.7508	←	←	1.9108
	Spider I_2	0.4082	←	0.4082	←	←	0.7898
	Dummy I_2	0.0765	←	0.0765	←	←	0.2610
	Input coupling I_2	0.0168	←	0.0168	←	←	0.0168
	Inner Stopper I_2	0.1161	←	0.1161	←	←	0.2949
	$\oplus + \oplus + \oplus$ I_1	0.6176	←	0.6176	←	←	1.3625
C_1	0.029	0.040	0.029	0.040	0.067		
		Rubber Block Coupling					
		SAE#1-14"			SAE#0-18"		
I_1 I_2	Driving ring I_1	0.4123			1.1907		
	Spider I_2	0.4275			←		
	Input coupling I_2	0.0168			←		
	$\oplus + \oplus$ 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	1,621	1,721	1,944	2,109
	d_o	98.00	←	←	←
	Pinion \odot	0.414	0.264	0.183	0.141
	Disc \odot	0.108	←	←	←
	$\odot + \odot = I_5$	0.522	0.370	0.291	0.249
C_3	6.0514	5.6994	5.0442	4.6502	
I_7 Wheel	Teeth No.	66	70	73	75
	I_7	5.120	6.216	7.695	8.786
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	50	←	←	←
	Oil Palm Plate \odot	0.783	←	←	←
	Sinterd \odot	0.111	←	←	←
	$\odot + \odot = I_3$	0.894	←	←	←
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	50	←	←	←
	Oil Palm Plate \odot	0.783	←	←	←
	Sinterd \odot	0.111	←	←	←
	$\odot + \odot = I_4$	0.894	←	←	←
I_8 Output Coupling	I_8	1.463	←	←	←
I_9 Companion Coupling	I_9	1.886	←	←	←
	L_2	28,723	←	←	←
Input Shaft	d_o	57.00	←	←	←
	C_2	0.3414	←	←	←
Output Shaft	L_4	2,407	←	←	←
	d_o	109.03	←	←	←
	C_4	4.0736	←	←	←

MATERIAL		DATE 2016.09.23		SCALE		TYPE DMT280H		ORIGINAL DWG. NO.	
APPROVED BY		CHECKED BY		DRAWN		DESIGNED		NAME	
		Kim J. Kim						DWG. NO. 270000-2	
								REV. 003	
D-I INDUSTRIAL		SIZE A		CODE ID. NO.					