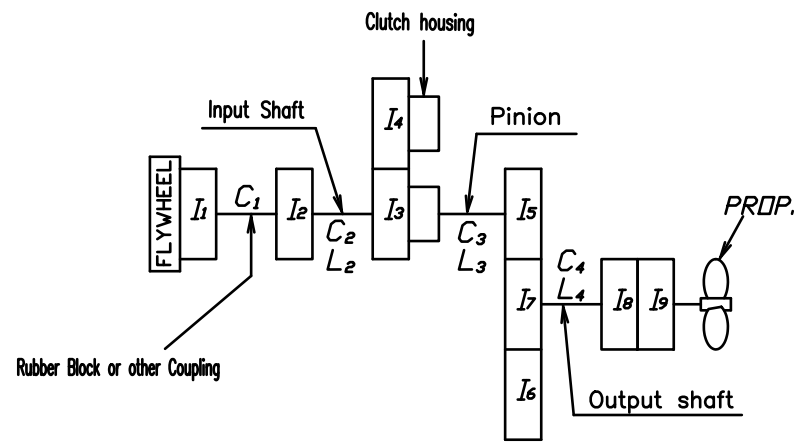
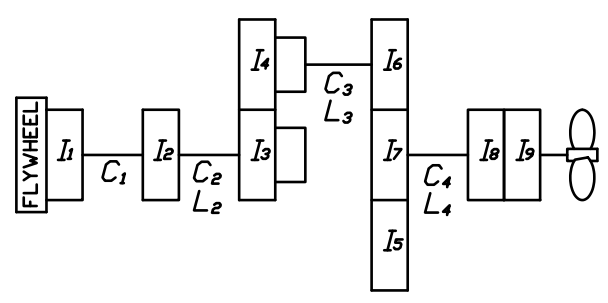


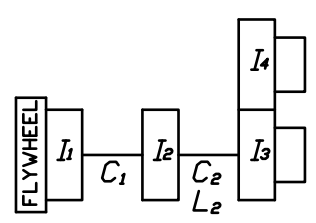
Counter Enginewise Rotation



Enginewise Rotation



Neutral



REMARK

1. I_{α} = 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		[Modul : 08-50] SEJ 0-18"					
		5%	10%	25%	50%	75%	100%
I_1 I_2 Centa Flexible Coupling	Driving ring I_{\odot}	0.8454	←	←	←	←	←
	Spider I_{\ominus}	0.5593	←	←	←	←	←
	$\odot + \ominus$ I_1	0.14047	←	←	←	←	←
	C_1	0.011	0.022	0.064	0.22	0.322	0.425

HC Coupling		[Modul : HC 4000] SEJ 14"		[Modul : HC 4000] SEJ 16"		[Modul : HC 6000] SEJ 18"	
		HS 60	HS 65	HS 60	HS 65	HS 57	
I_1 I_2 Flexible Coupling	Driving ring I_{\odot}	0.2570	←	0.2570	←		0.8999
	Outer Stopper I_{\ominus}	0.4512	←	1.6156	←		0.4363
	$\odot + \ominus$ I_1	0.7082	←	1.9726	←		1.3362
	Spider I_{\odot}	0.4082	←	0.4082	←		0.7898
	Dummy I_{\odot}	0.0765	←	0.0765	←		0.2610
	Input coupling I_{\odot}	0.0314	←	0.0314	←		0.0314
	Inner Stopper I_{\ominus}	0.1565	←	0.1565	←		0.2929
	$\odot + \ominus$ I_2	0.6726	←	0.6726	←		1.3751
C_1	0.029	0.040	0.029	0.040		0.067	

Rubber Coupling		Rubber Block Coupling	
		SAE#1-14"	SAE#0-18"
I_1 I_2 Coupling	Driving ring I_1	0.7151	1.5276
	Spider I_{\ominus}	0.4933	0.5811
	Input coupling I_{\odot}	0.0314	0.0314
	$\odot + \ominus$ I_2	0.5247	0.6125
C_1	2.06	2.06	

Part		Gear Ratio							
		1.43	1.64	1.81	2.03	2.33	2.6	2.91	
I_5, I_6	Teeth No.	37	34	32	30	27	25	23	
	L_3	1,061	1,112	1,160	1,231	1,410	1,620	1,990	
	d_o	119.0	←	←	←	←	←	←	
	Pinion I_{\odot}	0.1151	0.0854	0.0690	0.0585	0.0382	0.0293	0.0221	
	Disc I_{\ominus}	0.0193	←	←	←	←	←	←	
Pinion + Disc Plate	$\odot + \ominus$ I_5	0.1344	0.1047	0.0883	0.0778	0.0575	0.0486	0.0414	
	C_3	9.2443	8.8220	8.4554	7.9646	6.9571	6.0530	4.9277	
	I_7 Wheel	Teeth No.	53	56	58	61	63	65	67
	I_7	0.3513	0.4546	0.4912	0.6069	0.6606	0.6949	0.8147	
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←	←	
	CH Pinion Plate I_{\odot}	0.1713	←	←	←	←	←	←	
	Sintered I_{\odot}	0.0225	←	←	←	←	←	←	
	$\odot + \ominus$ I_3	0.1938	←	←	←	←	←	←	
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	44	←	←	←	←	←	←	
	CH Pinion Plate I_{\odot}	0.1713	←	←	←	←	←	←	
	Sintered I_{\odot}	0.0225	←	←	←	←	←	←	
I_6 Output Coupling	$\odot + \ominus$ I_4	0.1938	←	←	←	←	←	←	
	I_6	0.1778	←	←	←	←	←	←	
I_9 Companion Coupling	I_9	0.2188	←	←	←	←	←	←	
	L_2	10,565	←	←	←	←	←	←	
Input Shaft	d_o	77.50	←	←	←	←	←	←	
	C_2	0.9282	←	←	←	←	←	←	
	L_4	3,388.1	←	←	←	←	←	←	
Output Shaft	d_o	109	←	←	←	←	←	←	
	C_4	2.8945	←	←	←	←	←	←	

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE		SCALE		NAME		DMT550H	
2016.09.23		KS.Han		MASS ELASTIC SYSTEM			
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	DWG. NO.	REV.		
Kim Jin Ayoung				5 0 0 0 0 0-2	001		
D-I INDUSTRIAL				SIZE	CODE ID. NO.		
				A			