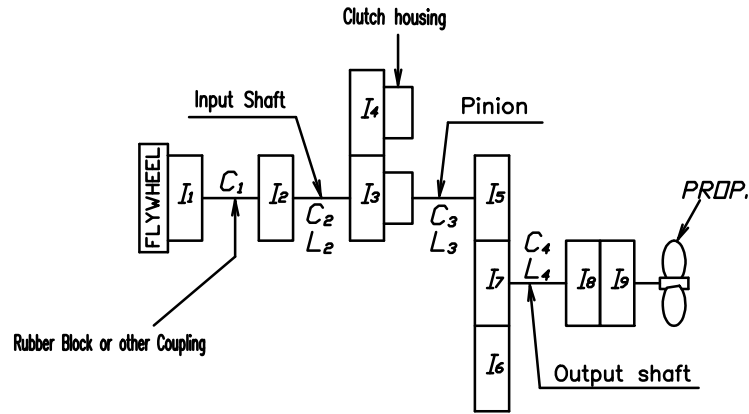
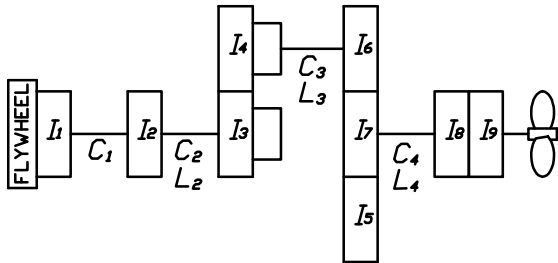


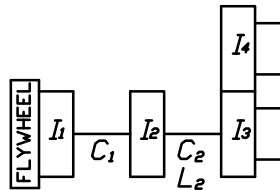
Counter Enginewise Rotation



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) [Nm/rad]

Coupling Type	[Unit : (N-SI) SEC 0-10 ⁴]						
	5%	10%	25%	50%	75%	100%	
OPTION 1 Flexible Coupling	Driving ring I_1	0.9301	←	←	←	←	←
	Spider I_2	0.5502	←	←	←	←	←
	Input coupling I_3	0.0330	←	←	←	←	←
	$\oplus + \oplus$ I_4	0.5832	←	←	←	←	←
	C_1	0.011	0.022	0.064	0.22	0.322	0.425

Part	Gear Ratio	Gear Ratio							
		2.53	3.02	3.28	3.56	4.07	4.48	4.95	
I_5, I_6	Teeth No.	39	34	32	30	27	25	23	
	d_o	959	1,043	1,099	1,178	1,373	1,596	1,974	
	Pinion + Disc Plate	Pinion I_7	0.1660	0.1104	0.0931	0.0783	0.0601	0.0524	0.0424
		Disc I_8	0.0225	←	←	←	←	←	←
		$\oplus + \oplus$ I_9	0.1885	0.1329	0.1156	0.1008	0.0826	0.0749	0.0649
		C_3	10.2229	9.4035	8.9232	8.3232	7.1449	6.1446	4.9687
I_7 Wheel	Teeth No.	99	103	105	107	110	112	114	
	I_7	3.0040	3.5593	3.8911	4.3862	4.7328	5.2995	5.9012	
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←	←	
	OH/Palm/Plate I_4	0.1746	←	←	←	←	←	←	
	Sinterd I_5	0.0225	←	←	←	←	←	←	
	$\oplus + \oplus$ I_6	0.1971	←	←	←	←	←	←	
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	44	←	←	←	←	←	←	
	OH/Palm/Plate I_5	0.1746	←	←	←	←	←	←	
	Sinterd I_6	0.0225	←	←	←	←	←	←	
I_8 Output Coupling	$\oplus + \oplus$ I_7	0.1971	←	←	←	←	←	←	
	I_8	0.4973	←	←	←	←	←	←	
	I_9 Companion Coupling	0.4963	←	←	←	←	←	←	
Input Shaft	L_2	14,256.6	←	←	←	←	←	←	
	d_o	77.00	←	←	←	←	←	←	
	C_2	0.6879	←	←	←	←	←	←	
Output Shaft	L_4	1,503.9	←	←	←	←	←	←	
	d_o	139.00	←	←	←	←	←	←	
	C_4	6.1752	←	←	←	←	←	←	

MATERIAL		DATE 2017.10.27		SCALE		TYPE	DMT600DL	ORIGINAL DWG. NO.
APPROVED BY	CHECKED BY	DRAWN	DESIGNED	NAME		MASS ELASTIC SYSTEM		
Kim Junyoung		KS.Han		DWG. NO.	W600000-2		REV.	000
D-I INDUSTRIAL				SIZE	A	CODE ID. NO.		

SYM.	DESCRIPTION	POSITION	REVISION	DATE	REV'D	APP'D