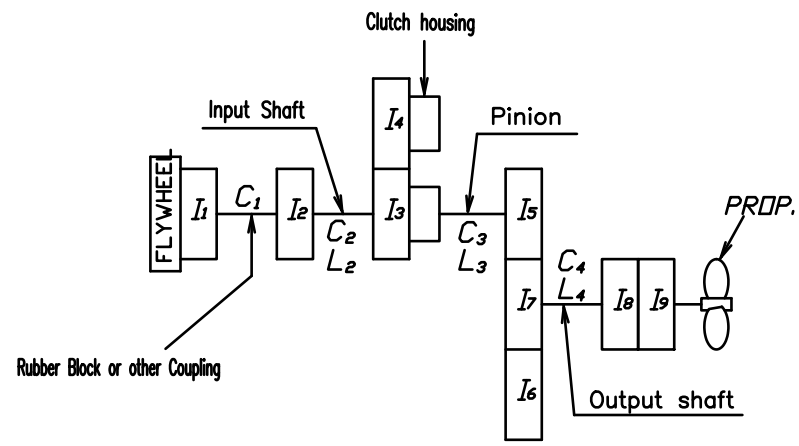
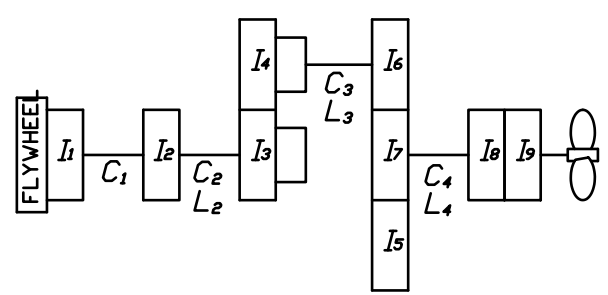


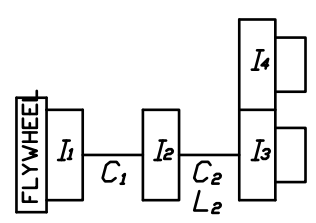
Counter Enginewise Rotation



Enginewise Rotation



Neutral



Coupling Type	Rubber Block Coupling		Dual Stage Rubber Coupling		
	SAE#2,3-11.5"	SAE#1-14"	SAE#2,3-11.5"	SAE#1-14"	
I1 I2 Coupling	Driving ring I1	0.1494	0.6530	0.1434	0.7191
	Spider I10	0.0489	0.1269	0.0356	0.1057
	Input coupling I20	0.0022	0.0022	0.0022	0.0022
	⊕+⊕ I2	0.0511	0.1291	0.0378	0.1079
	100% C1	2.06	2.06	2.06	2.06
	75% C1	↑	↑	↑	↑
	32% C1	↑	↑	0.0036	0.0036
	10% C1	↑	↑	0.0032	0.0032
	5% C1	↑	↑	0.0027	0.0027

Part		Gear Ratio			
		1.97	2.57	3.03	3.46
I5, I6 Pinion + Disc Plate	Teeth No.	42	35	31	28
	L3	3,093	3,428	4,138	4,744
	d0	70.00	←	←	←
	Pinion I10	0.0134	0.0073	0.0050	0.0036
	Disc I20	0.0018	←	←	←
	⊕+⊕ I5	0.0152	0.0091	0.0068	0.0054
I7 Wheel	C3	3.1710	2.8606	2.3699	2.0674
	Teeth No.	83	90	94	97
I3 Clutch Housing Assy [Ahead parts]	I7	0.1296	0.1961	0.2436	0.2489
	Teeth No.	48	←	←	←
	CH/Pinion/Plate I30	0.0211	←	←	←
	Sinterd I40	0.0029	←	←	←
I4 Clutch Housing Assy [Astern parts]	⊕+⊕ I3	0.0240	←	←	←
	Teeth No.	48	←	←	←
	CH/Pinion/Plate I30	0.0211	←	←	←
	Sinterd I40	0.0029	←	←	←
I8 Output Coupling	⊕+⊕ I4	0.0240	←	←	←
	I8	0.0301	←	←	←
	I9	0.0312	←	←	←
I9 Companion Coupling	L2	65,120	←	←	←
	d0	42.90	←	←	←
	C2	0.1506	←	←	←
Input Shaft	L4	6,050	←	←	←
	d0	84.02	←	←	←
	C4	1.6208	←	←	←

REMARK

1. Iα = Moment of inertia [kg.m²]
2. d₀ = MIN, Shaft DIA. [mm]
3. L = Equivalent length (Calculated as shaft DIA. of 187.2mm) [mm]
4. Stiffness Unit (C_n) [MNm/rad]

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

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE		DMT140H			
APPROVED BY		CHECKED BY		NAME		MASS ELASTIC SYSTEM	
				DRAWN		DESIGNED	
				DWG. NO.		140000-2	
				REV.		003	
© D-I IND CO., LTD.				SIZE		CODE ID. NO.	
				A			