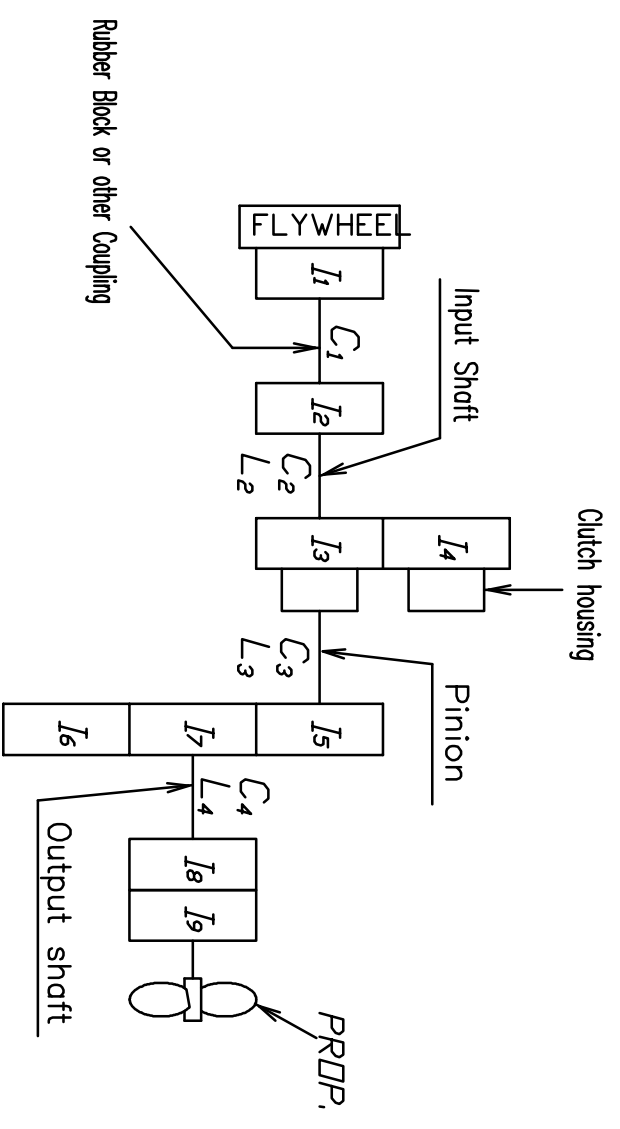
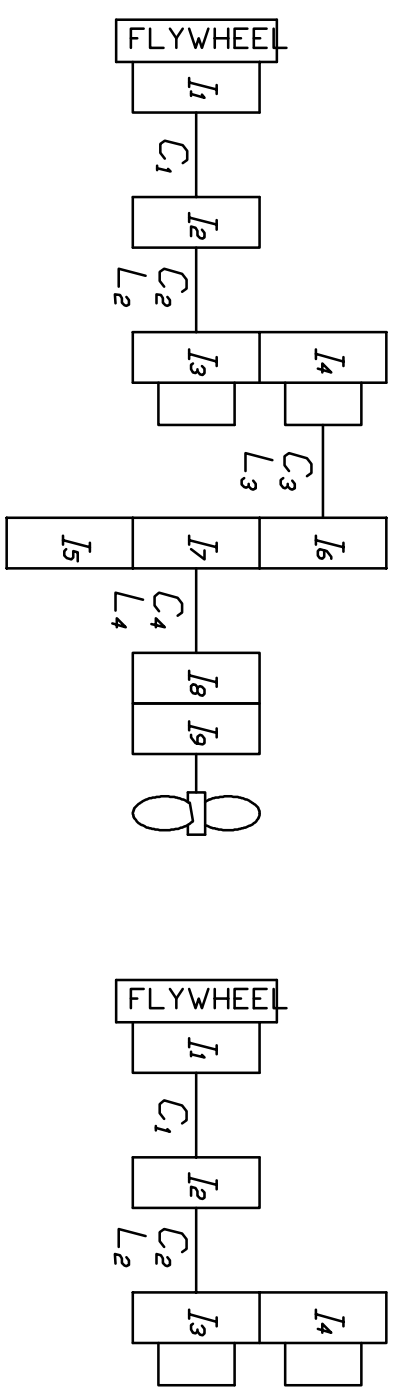


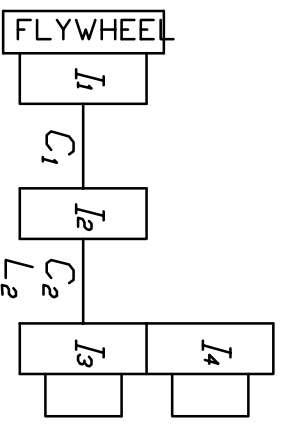
Counter Enginewise Rotation



Enginewise Rotation



Neutral



Coupling Type	% Norminal Torque					
	10%	25%	50%	75%	100%	
I1 I2 Flexible Coupling [Model : FC 120] SAE#23 11.5"	Driving ring I1	0.1900	←	←	←	←
	Spider Ixx	0.0300	←	←	←	←
	Input coupling Ixx	0.0022	←	←	←	←
	I2	0.0322	←	←	←	←
	C1	0.003	0.008	0.022	0.043	0.074
Coupling Type	Rubber Block Coupling		Dual Stage Rubber Coupling			
	SAE#3-11.5"		SAE#3-11.5"			
I1	Driving ring I1	0.1736		0.0960		
I2	Spider Ixx	0.0861		0.0428		
Coupling	Input coupling Ixx	0.0022		0.0022		
	I2	0.0883		0.0450		
	C1	2.06		2.06		

Part	Gear Ratio					
	1.61	2.06	2.45	2.82	3.12	3.46
I5, I6 Pinion + Disc Plate	Teeth No.	41	35	31	28	24
	L3	4,763	4,944	5,198	5,553	6,370
	d0	62.00	←	←	←	←
I7 Wheel	Pinion Ixx	0.0055	0.0033	0.0022	0.0017	0.0013
	Disc Ixx	0.0008	←	←	←	←
	I5	0.0063	0.0041	0.0030	0.0025	0.0021
	C3	2.0588	1.9835	1.8867	1.7662	1.5395
	I7	66	72	76	79	81
	I7	0.0258	0.0372	0.0451	0.0489	0.0567
	I3	45	←	←	←	←
I3 Clutch Housing Assy [Ahead parts]	Clutch Plate Ixx	0.0124	←	←	←	←
	Sinterd Ixx	0.0016	←	←	←	←
	I3	0.0140	←	←	←	←
I4 Clutch Housing Assy [Astern parts]	Teeth No.	45	←	←	←	←
	Clutch Plate Ixx	0.0124	←	←	←	←
	Sinterd Ixx	0.0016	←	←	←	←
	I4	0.0140	←	←	←	←
I6 Output Coupling	I6	0.0092	←	←	←	←
	I9	0.0097	←	←	←	←
	L2	70,271	←	←	←	←
I9 Companion Coupling	d0	42.00	←	←	←	←
	C2	0.1396	←	←	←	←
	L4	15,326	←	←	←	←
Input Shaft	d0	59.02	←	←	←	←
	C4	0.6399	←	←	←	←
Output Shaft						

REMARK

1. Ixx=Moment of inertia [kg.m<sup>2</sup>]
2. d<sub>o</sub>=MIN, Shaft DIA. [mm]
3. L=Equivalent length(Calculated as shaft DIA. of 187.2mm [mm])
4. Stiffness Unit ( C<sub>n</sub> ) [MNm/rad]

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

MATERIAL: DMT50A

DATE: 2007.09.04

APPROVED BY: [Signature]

CHECKED BY: [Signature]

SCALE: N/S

DRAWN: [Signature]

DESIGNED: [Signature]

NAME: MASS BLASTIC SYSTEM

DWG. NO.: 050000-2

SIZE: A3

CODE ID. NO.: 001

ORIGINAL DWG. NO.: