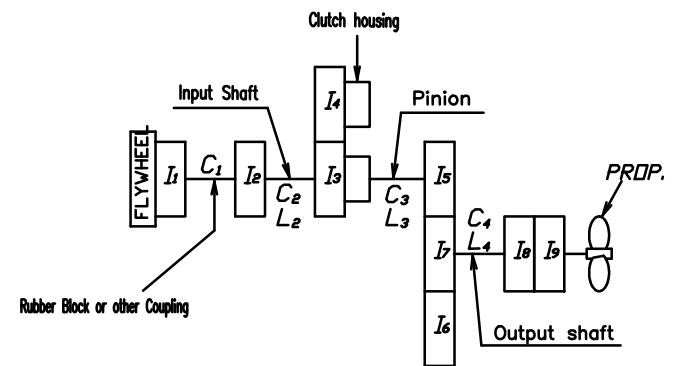
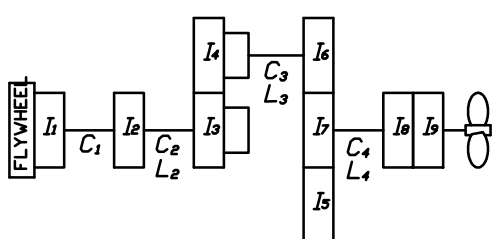


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REV
Z-000094
ON/DWG

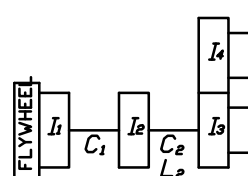
Counter Enginewise Rotation



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]

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

Coupling Type	Modul : HC 4000 SAE# 14"		Modul : HC 4000 SAE# 16"		Modul : HC 6000 SAE# 18"	
	HS 60	HS 65	HS 60	HS 65	HS 57	SAE# 18"
Flexible Coupling I_1 I_2	Driving ring I_{\odot}	0.2570	←	0.2570	←	0.8999
	Outer Slapper I_{\odot}	0.4512	←	1.6156	←	0.4363
	$\odot + \odot$ I_1	0.7082	←	1.8726	←	1.3362
	Spider I_{\odot}	0.4082	←	0.4082	←	0.7898
	Dummy I_{\odot}	0.0765	←	0.0765	←	0.2610
	Input coupling I_{\odot}	0.0257	←	0.0257	←	0.0257
	Inner Slapper I_{\odot}	0.1565	←	0.1565	←	0.2929
$\odot + \odot + \odot$ I_2	0.6669	←	0.6669	←	1.3694	
C_1	0.029	←	0.029	←	0.040	0.067

Coupling Type	Rubber Block Coupling	
	SAE#1-14"	SAE#0-18"
Coupling I_1 I_2	Driving ring I_1	0.7151
	Spider I_{\odot}	0.4933
	Input coupling I_{\odot}	0.0257
	$\odot + \odot$ I_2	0.5190
	C_1	2.06

Part	Gear Ratio	Gear Ratio						
		3.02	3.28	3.56	4.07	4.48	4.95	
I_5, I_6	Teeth No.	34	32	30	27	25	23	
	L_3	986	1024	1077	1208	1357	1610	
	d_o	119.0	←	←	←	←	←	
	Pinion I_{\odot}	0.0672	0.0551	0.0449	0.0324	0.0257	0.0203	
	Disc I_{\odot}	0.0178	←	←	←	←	←	
Pinion + Disc Plate	$\odot + \odot$ I_5	0.085	0.0729	0.0627	0.0502	0.0435	0.0381	
	C_3	9.9452	9.5806	9.1051	8.1211	7.2254	6.0927	
	I_7 Wheel	Teeth No.	103	105	107	110	112	114
		I_7	3.0571	3.3890	3.7409	3.7835	4.1790	4.5994
I_3 Clutch Housing Assy [Ahead parts]	Teeth No.	44	←	←	←	←	←	
	OH/Palm/Plate I_{\odot}	0.1751	←	←	←	←	←	
	Sinterd I_{\odot}	0.0205	←	←	←	←	←	
	$\odot + \odot$ I_3	0.1956	←	←	←	←	←	
I_4 Clutch Housing Assy [Astern parts]	Teeth No.	44	←	←	←	←	←	
	OH/Palm/Plate I_{\odot}	0.1751	←	←	←	←	←	
	Sinterd I_{\odot}	0.0205	←	←	←	←	←	
	$\odot + \odot$ I_4	0.1956	←	←	←	←	←	
I_8 Output Coupling	I_8	0.3572	←	←	←	←	←	
I_9 Companion Coupling	I_9	0.4961	←	←	←	←	←	
Input Shaft	L_2	14,218	←	←	←	←	←	
	d_o	72.00	←	←	←	←	←	
	C_2	0.6897	←	←	←	←	←	
Output Shaft	L_4	1,116	←	←	←	←	←	
	d_o	139.04	←	←	←	←	←	
	C_4	8.7834	←	←	←	←	←	

MATERIAL				TYPE		ORIGINAL DWG. NO.	
DATE 2007.09.04		SCALE		DMT460HL			
APPROVED BY		CHECKED BY		NAME		MASS BLASTIC SYSTEM	
KS. Han		KS. Han		DWG. NO.		4 6 0 0 0 -2	
D-I IND CO., LTD.				SIZE A		CODE ID. NO.	