mass	mass	radius	length	angle	ANGLE	MRx	Mry	MRLx	MRLy
M1	11	14.22633	0	258.3875	1.36812	-31.5	-153.286		
A	10	12	30	0	0	120	0	3600	0
B	12	10	45	60	1.047198	60	103.923	2700	4676.537
C	10	12	60	120	2.094395	-60	103.923	-3600	6235.383
D	12	10	75	180	3.141593	-120	1.47E-14	-9000	1.1E-12
M2	11	5.727273	200	120	-1.0472	31.5	-54.5596	6300	-10911.9
						31.5	153.2865	-6300	10911.92

shaft		
length	2	m
radius	60	mm
density	4	g/cm3
mass	90.47786842	kg

	mass	radius	Inertia
Shaft	90.47786842	6	1628.602
A	10	12	1440
B	12	10	1200
C	10	12	1440
D	12	10	1200
M1	11	14.22633	2226.273
M2	11	5.727273	360.8182

Inertia				
unbalanced		6908.602		
balanced		9495.693		
speed				
unbalanced		2000		
balanced		1455.102		
unloaded		8484.09	rpm	888.4519

J	2.03575E-05
Power	122000
Torque	137.3175138
shear stress	4.05E+05