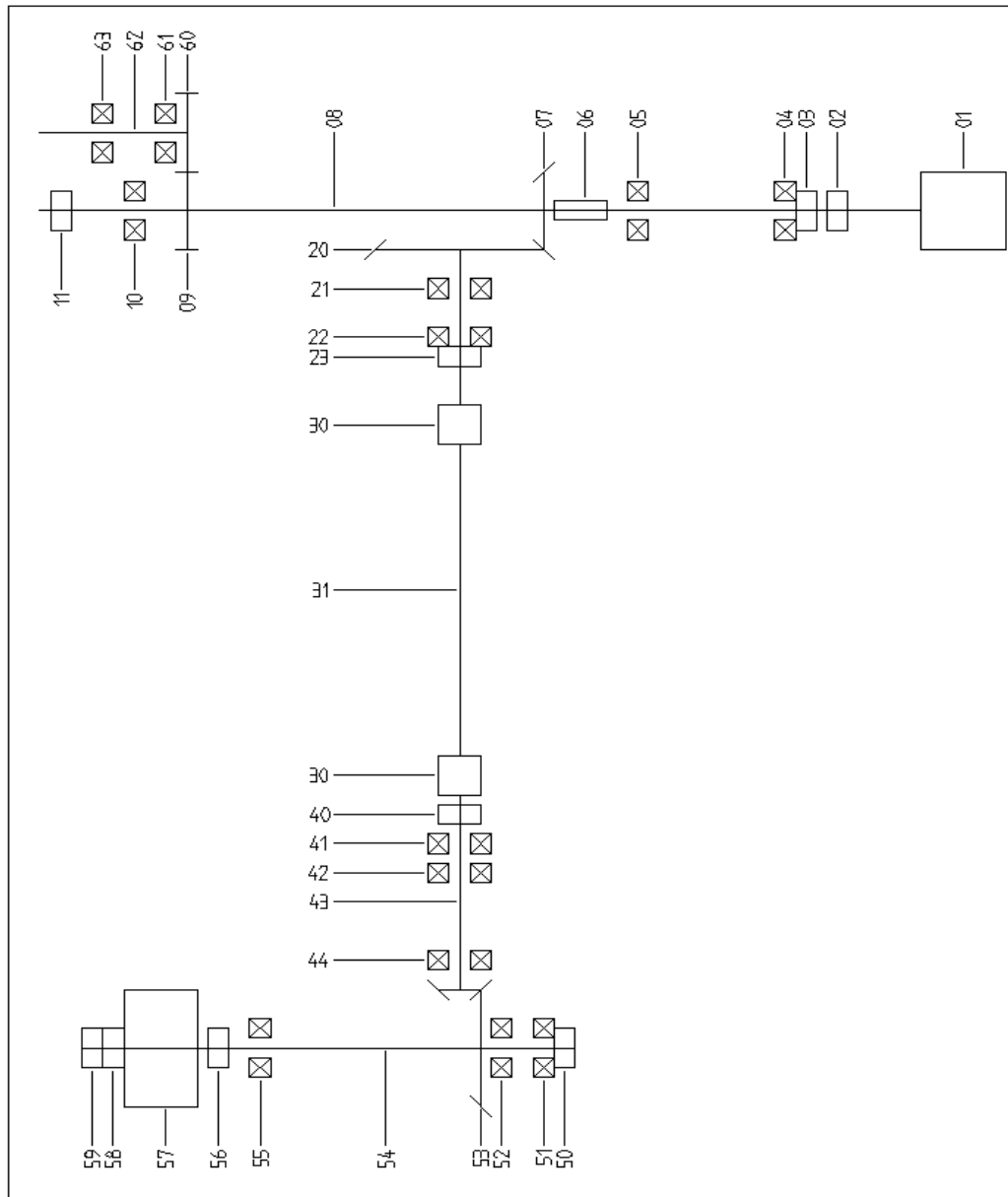




# ZF 7311 - 1600 rpm CW (upgrade) SPECIAL



**Gear ratio**  
Upper gearbox 1.412  
Lower gearbox 3.692  
**Total red 5.213**

**CTC distance**  
**3100**

Item nr.	Description	J [kgm <sup>2</sup> ]	J-corr to engine [kgm <sup>2</sup> ]	Ct_dyn [kNm/rad]
01	Clutch	4.660	4.660	-
02	Liner	0.001	0.001	0
03	Lock nut	0.007	0.007	0
04	Bearing	0.012	0.012	0
05	Bearing	0.122	0.122	0
06	Key	0.003	0.003	0
07	Pinion	0.489	0.489	0
08	Shaft *	0.205	0.205	2372
09	Pinion	0.005	0.005	0
10	Bearing	0.007	0.007	0
11	Liner	0.000	0.000	0
20	Wheel	1.529	0.767	9868
21	Bearing	0.122	0.061	0
22	Bearing	0.051	0.026	0
23	Lock nut	0.011	0.006	0
30	Coupling box	0.301	0.151	142000
31	Shaft	0.291	0.146	2193
40	Lock nut	0.014	0.007	0
41	Bearing	0.098	0.049	0
42	Bearing	0.058	0.029	0
43	Pinion shaft	1.126	0.565	6772
44	Bearing	0.366		0
50	Lock nut	0.014	0.001	0
51	Bearing	0.098	0.004	0
52	Bearing	0.229	0.008	0
53	Wheel	45.876	1.688	0
54	Shaft	3.869	0.142	22516
55	Bearing	0.150	0.006	0
56	Liner	0.138	0.005	0
57	Propeller**	404.7	14.894	0
58	Key	0.050	0.002	0
59	Lock plate	0.475	0.017	0
60	Pinion	0.025	0.001	0
61	Bearing	0.000	0.000	0
62	Shaft	0.000	0.000	0
63	Bearing	0.000	0.000	0
<b>J-corr =</b>		<b>24.086</b>	<b>kgm<sup>2</sup></b>	

\*\* Propeller included with entraining water according to Schwanecke