

TEST DATE / PLACE: 14.6.2012 Nauvo Finland

BOAT

NAME AMT
 MODEL 230 DC
 MATERIAL Fiberglass
 LENGTH 6,80 m
 WIDTH 2,60 m
 HULL WEIGHT 1300 kg
 LOADED WEIGHT 2050 kg
 MAXIMUM HP 300 hp
 PERSONS 2
 GASOLINE 100 litres

RPM	SPEED KTS			FUEL CONSUMPTION L/H			L/NM
	->	<-	AVERAGE	->	<-	AVERAGE	AVERAGE
IDLE	2,8	3,0	2,90	2,0	2,0	2,00	
1000	4,1	4,5	4,30	4,0	3,0	3,50	0,81
1500	5,7	6,3	6,00	6,0	6,0	6,00	1,00
2000	7,1	7,5	7,30	10,0	8,0	9,00	1,23
2500	11,4	11,6	11,50	12,0	12,0	12,00	1,04
3000	17,7	19,2	18,45	17,0	16,0	16,50	0,89
3500	23,4	23,9	23,65	23,0	21,0	22,00	0,93
4000	27,5	28,0	27,75	29,0	27,0	28,00	1,01
4500	32,1	32,6	32,35	34,0	33,0	33,50	1,04
5000	36,3	37,6	36,95	44,0	45,0	44,50	1,20
5500	40,3	41,0	40,65	59,0	59,0	59,00	1,45
6000	43,9	44,8	44,35	69,0	69,0	69,00	1,56
6200	46,3	47,2	46,75	87,0	88,0	87,50	1,87

ENGINE

MODEL Honda BF250
 SHAFT LENGTH XU
 ENGINE HEIGHT # 2

SPEED KTS	RPM			FUEL CONSUMPTION L/H			L/NM
	->	<-	AVERAGE	->	<-	AVERAGE	AVERAGE
15	2800	2850	2825	15,0	15,0	15,00	1,00
20	3200	3200	3200	18,0	17,0	17,50	0,88
25	3750	3700	3725	24,0	22,0	23,00	0,92
30	4200	4200	4200	30,0	31,0	30,50	1,02
35	4800	4700	4750	36	37	36,50	1,04
40	5500	5500	5500	59	59	59	1,48
45	5900	6000	5950	69	70	69,5	1,54

PROPELLER

BLADES X DIA X PITCH 3 x 15 1/4" x 19"
 TBC 58133-ZY3-A19LX
 MATERIAL SST
 MANUFACTURER Honda Marine

LOWEST PLANING SPEED

RPM 2700
 SPEED 13 kts

