

PERFORMANCE REPORT

Grandezza 27
D4-300



BOAT & ENGINE DATA

Boat type: Grandezza 27
Manufacturer: Oy Finn - Marin Ltd
LOA: 8,3 m
Beam: 2,8 m
LWL:
Engine model: 1 x D4-300
Output: 300,0 Hp
Engine speed: 3500
Drive/rev. gear: DP-H
Gear ratio: 1,76:1
Deadrise angle:

TEST CONDITION

Displacement: 3500 kg (excl. crew)
Weight checked by: Estimated
Crew: 2
Fuel: 50 %
Water:
Propeller type/size: G7
Speed checked by: GPS
Air temp: 11,0 °C
Water temp: 13,0 °C
Sea: Calm
Water: Brackish

BOAT TEST

RPM	Speed (kn)	Fuel cons. (l/h)	Fuel cons. (l/nm)
3530	39,5	57,0	1,4
3400	37,4	51,8	1,4
3200	34,4	45,3	1,3
3000	31,9	39,3	1,2
2800	29,1	35,1	1,2
2600	26,2	31,0	1,2
2400	23,2	25,2	1,1
2200	20,3	22,2	1,1
2000	16,0	19,1	1,2
1500	8,0	11,7	1,5

ACCELERATION

Idle to (kn)	Time (sec)
15,0	5,0
20,0	7,0
25,0	9,0
30,0	11,0

TEST INFORMATION

Performed by: Henry Lindfors
Test location: Kokkola / Finland
Test date: 2011-06-14

The results refer to the test boat only. Performance may vary due to weather and load conditions. Any guarantee is a matter between the boat manufacturer and the customer.

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PENTA**