

PERFORMANCE REPORT

Grandezza 27
D3-220



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 D3-220
Output: 220,0 Hp
Engine speed: 4000
Drive/rev. gear: DPS-A
Gear ratio: 1,78:1
Deadrise angle:

TEST CONDITION

Displacement: 3500 kg (excl. crew)
Weight checked by: Estimated
Crew: 2
Fuel: 41 %
Water: 50 %
Propeller type/size: F4
Speed checked by: GPS
Air temp: 12,0 °C
Water temp: 13,0 °C
Sea: Calm
Water: Brackish

BOAT TEST

RPM	Speed (kn)	Fuel cons. (l/h)	Fuel cons. (l/nm)
3920	32,3	45,4	1,4
3800	30,6	43,1	1,4
3600	29,0	35,8	1,2
3400	26,4	31,5	1,2
3200	24,4	28,2	1,2
3000	21,6	25,6	1,2
2800	19,0	23,0	1,2
2600	16,6	20,6	1,2
2400	13,4	19,1	1,4
2200	10,8	16,4	1,5

ACCELERATION

Idle to (kn)	Time (sec)
15,0	9,0
20,0	12,0
25,0	16,0
30,0	22,0

TEST INFORMATION

Performed by: Henry Lindfors
Test location: Kokkola / Finland
Test date: 2011-06-15

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**