

# 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**