

<b>VOLVO PENTA</b> Volvo Penta Norden AB	<b>Marine Fritid</b> <b>Teknisk salg-</b> <b>Info</b>	Produktgruppe: DIESELMOTORER
Til: <b>WINDY BOATS AS</b>	Dato: 2001.10.29	Side: 1-1
Utstedt av: Morten Trøbråten		Nr.: 3
Ang.: TEST WINDY 37 GRAND MISTRAL - 2 X KAD 300 EDC / DP - G gear ratio 1,68 : 1		

REVS	KNOTS	L/NM	L/H	DBA
1000	7,3	0,55	4	64
1500	9,3	1,93	18	75
2000	15,5	2,19	34	75
2500	24,1	2,07	50	75
2800	29,1	1,99	58	77
3000	31,7	2,02	64	78
3200	34,0	2,12	72	78
3400	36,0	2,22	80	80
3600	38,3	2,35	90	80
3800	40,2	2,49	100	81
3950	41,0	2,73	112	83

**WEIGHT: 5.800 KG**

**PROPELLER : C – 6**

**FUEL: 200 L**

**WATER: 0**

**ACCELERATION:**

**0 – 20 KNOTS 6,6 SEC**

**0 – 30 ” 11,2 ”**

**0 – 35 ” 15,1 ”**

**\* inkl. diesel + 2 mann**

# PERFORMANCE REPORT

## Windy Grand Mistral 37 D4-260

### BOAT & ENGINE DATA

**Boat type:** Windy Grand Mistral 37  
**Manufacturer:** Windy Boats  
**LOA:** 11,1 m  
**Beam:** 3,5 m  
**LWL:**  
**Engine Type:** 2 x D4-260  
**Output:** 260,0 Hp  
**Engine speed:** 3500  
**Drive/rev. gear:** DP-H  
**Gear ratio:** 1,85:1  
**Deadrise angle:**

### TEST CONDITION

**Displacement:** 7200 kg (excl. crew)  
**Weight checked by:** Scale  
**Crew:** 2  
**Fuel:** 100 %  
**Water:** 100 %  
**Propeller type/size:** G8  
**Speed checked by:** GPS  
**Air temp:** 15,0 ∞C  
**Water temp:** 15,0 ∞C  
**Sea:** Calm  
**Water:** Salt

### BOAT TEST

<b>RPM</b>	<b>Speed (kn)</b>	<b>Fuel cons. (l/h)</b>	<b>Fuel cons. (l/nm)</b>	<b>Idle to (kn)</b>	<b>Time (sec)</b>
3513	39,7	104,0	2,6	20,0	7,1
3400	38,0	92,8	2,4	25,0	9,6
3200	35,6	80,8	2,3	30,0	11,9
3000	32,9	67,0	2,0	35,0	16,7
2800	29,8	58,4	2,0		
2600	26,8	51,6	1,9		
2400	23,1	48,0	2,1		
2200	18,9	41,4	2,2		
2000	15,2	36,0	2,4		
1800	11,6	29,6	2,6		

### ACCELERATION

### TEST INFORMATION

**Performed by:** A. Holm, K. Karlsson  
**Test location:** Volvo Penta Marine Test Centre, Krossholmen  
**Test date:** 2004-06-23

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.

**VOLVO  
PENTA**