

Monte Carlo 27 Open - Sea trials : speed / consumption

VOLVO D 4 260 CV Diesel

Specifications :

1 engine Z-Drive

Hélice G5

Inverter DPH 1,85/1

Total displacement of boat tested : 4010 kg

VOLVO 5,7 L 320 CV Essence

Specifications :

1 engine Z-Drive

Hélice F3

Inverter 1,95/1

Total displacement of boat tested : 3900 kg

Engines speed in RPM on the rev counter	Average speed on knots on the radar	Consumption in litres an hour per engine	Niveau sonore poste de pilotage en dBA	Average speed on knots on the radar	Consumption in litres an hour per engine	Niveau sonore poste de pilotage en dBA
600				2,2	3	60
700	3,8	1	63			
1000	5,4	3	69	4,0	5	66
1500	7,1	10	71	5,8	9	66
2000	8,6	23	78	7,1	15	72
2200	10,5	28	81			
2400	16,0	29	82			
2500				8,1	29	77
2600	20,7	28	82			
2800	23,7	32	83			
3000	26,6	35	84	12,2	44	80
3200	28,9	42	86			
3400	31,4	50	87			
3500	32,3	52	88	21,4	45	80
4000				26,2	58	82
4500				29,4	77	85
4934				32,2	89	88

Optimal theoretical conditions, purely indicative

For trials : new hull, Wind : 10 knots, Sea not rough. Not antifouling