

Monte Carlo 32 Open - Sea trials : speed / consumption

VOLVO 5.7 GI DPS 270 CV Essence
Specifications :
 2 engines
 Hélice VOLVO DP F2
 Inverter DPS rapport 1.95/1
 Total displacement of boat tested : 5888 kg

VOLVO D3 190 CV Diesel
Specifications :
 2 engines
 Hélice VOLVO DP F4
 Inverter DP - 1.95/1
 Total displacement of boat tested : 5330 kg

Engines speed in RPM on the rev counter	Average speed on knots on the radar	Average speed on knots on the radar	Consumption in litres an hour per engine
Ralentí	3,0		
1000	5,0	5,5	1,3
1500	7,3		
2000	8,6	8,6	9,3
2400		11,4	16,8
2500	11,4		
2800		15,3	22,0
3000	19,0	18,6	23,0
3200		21,5	25,0
3400		23,4	26,3
3500	22,5		
3600		24,6	30,0
3800		27,8	34,0
4000	29,3	30,5	41,0
4500	34,7		
MAX 5000	37,9		

Optimal theoretical conditions, purely indicative

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