

Supreme 68

Volvo Penta D6-370 269kW@3500 RPM
gearbox ration $r=2.491$
engine rating: Pleasure

PRELIMINARY
Power Prediction
&
Performance calculations

For autonomy calculations 5% of fuel is reserved for generator consumption and 5% of margin (for i.e. bad weather conditions) is included.

A – middle displacement

(7000 l fuel + all other tanks 100% full)

Volvo Penta D6-370 269kW@3500rpm r=2.491 2 engines in operation						
% rpm	Yacht Speed [kn]	One engine Power [kW]	Engine rev. [rpm]	One engine Fuel cons. [l/h]	Yacht Autonomy [nm]	Yacht fuel consumption [l/nm]
100,00%	15,0	269	3500	76,8	638	10,2
85,71%	14,3	183	3000	49,6	940	6,9
71,43%	12,6	116	2500	30,3	1360	4,8
57,14%	11,3	66	2000	17,5	2098	3,1
42,86%	8,3	32	1500	8,8	3084	2,1
28,57%	6,4	12	1000	3,6	5766	1,1

**Every attempt has been made to give accurate information, but performance and range figures are estimates given as a guide only. Dirt or growth on the hull, tuning of the engines, size, make of engines fitted, damage to propellers, the temperature of the air and water, the weight of fuel, water, stores, number of people, propeller pitch, quality of fuel and other matters, can all affect a boat's performance and range. For these and other reasons we can give no performance, range or other guarantees, and neither such guarantees nor anything contained herein constitutes an offer of contract or any representation or agreement, or may otherwise be relied upon.*