

Supreme 6P

Volvo Penta D9-575 410kW@2500 RPM
gearbox ration $r=2.011$
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 PentaD9-575 410kW@2500rpm r=2.011 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%	18,8	410	2500	107,0	573	11,4
92,00%	15,9	333	2300	85,6	604	10,8
84,00%	14,8	265	2100	67,3	716	9,1
76,00%	13,6	207	1900	52,4	847	7,7
68,00%	12,6	157	1700	40,1	1027	6,3
60,00%	10,8	114	1500	30,5	1152	5,7
52,00%	9,6	80	1300	21,7	1442	4,5
44,00%	8,3	53	1100	14,8	1834	3,6
36,00%	6,9	32	900	9,6	2328	2,8

**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.*