

SUPREME 6S

Volvo Penta D4-180 132kW@2800RPM
gerabox HS63IVE r=2.48

Preliminary
performance calculations

Supreme 6S

For autonomy calculations 10% of fuel is reserved for generator consumption and 5% of margin (for i.e. bad weather conditions) is included.

A – Full displacement

(2000 l fuel + all other tanks 100% full)

Volvo Penta D4-180 132kW @2800RPM gear box ratio: 2.48						
% rpm	Yacht speed* [kn]	Engine Power [KW]	Engine Rpm	One engine combustion [L/h]	Yacht Autonomy [Nm]	Yacht fuel consumption [l/nm]
100,00%	10,5	132	2800	34,7	260	6,58
89,29%	9,6	96	2500	24,3	338	5,06
85,71%	8,9	79	2400	20,4	372	4,59
78,57%	8,4	62	2200	16,3	441	3,88
71,43%	8,2	55	2000	12,5	563	3,04
64,29%	7,0	37	1800	9,1	661	2,59
57,14%	6,8	30	1600	6,5	892	1,92
53,57%	6,4	27	1500	5,7	966	1,77
50,00%	5,7	19	1400	4,5	1079	1,59
42,86%	5,0	12	1200	3,9	1099	1,56
35,71%	4,0	6	1000	2,3	1505	1,14

**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.*