

PERFORMANCE DATA

Back Cove 30', E003 - Volvo D6 (370-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA at Helm
Idle	600	3.7	0.3	12.3	1776	67
	1000	5.9	1.0	5.9	850	72
	1500	8.0	2.5	3.2	461	78
	2000	11.4	6.2	1.8	265	78
	2200	13.7	7.3	1.9	270	78
	2400	16.4	9.1	1.8	260	79
	2600	19.3	10.5	1.8	265	80
	2800	22.3	11.8	1.9	272	82
	3000	24.4	13.3	1.8	264	82
	3200	26.7	15.3	1.7	251	82
	3400	28.6	18.2	1.6	226	84
WOT	3500	29.3	19.3	1.5	219	84
	3570	29.8	20.7	1.4	207	85

Notes: Based on performance measured 8/10/10 with 4 crew (~800lbs.), Full fuel (160gal.), full water (45gal.).

Major Options / add'l weight: Genset, Helm and Cabin AC, 200lbs. of tools.

Wind - SW at 12-15kts., Ambient Air Temp.: 79 deg.F. Seas S 1-3 ft

Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay.

Engine: Volvo D6 (370-mhp @ 3500 rpm) with 1.96:1 ZF 80A reduction gear.

Propeller: 20" X 24", Mich (0.85 DAR) x 1.75" bore, 4-blade, NiBrAl, with #5 cup.

Fuel Consumption calculated by integral Volvo engine fuel flow gauging equipment.

Range based on 90% of 160gal. fuel capacity.

Recommended max. continuous cruise speed is @ 3200 RPM.

Performance data is subject to change depending on tankage, temperature and other factors.

