

PERFORMANCE DATA

Back Cove 33', C-009 - Volvo D6 (435-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA at Helm
Idle	600	4.1	0.3	13.67	2276	63
	1000	5.7	0.8	7.13	1186	69
	1500	7.9	2.8	2.82	470	72
	2000	11.6	5.8	2.00	333	75
	2200	13.8	6.8	2.03	338	74
	2400	16.3	8.3	1.96	327	76
	2600	17.9	10.3	1.74	289	78
	2800	20.4	11.8	1.73	288	77
	3000	22.9	13.2	1.73	289	82
	3200	25.2	16.3	1.55	257	83
	3400	26.8	19.9	1.35	224	84
WOT	3500	27.9	21.1	1.32	220	84
	3570	28.7	22.0	1.30	217	86

Notes: Based on performance measured 05/15/2007 with 6 crew (~1200lbs.), Full fuel (185gal.), half water (30gal.) with no aft enclosure, 100lbs. of tools., no owner's gear.
 Light Rain and Clouds, Wind - SW at 12-15kts., Ambient Air Temp.: 55-60 deg.F.
 Seas < 1-3 ft , Southerly swells occasional 4 ft.
 Speed measured by GPS. Average of reciprocal runs in Rockland Harbor, ME.
 Engine: Volvo D6 (435-mhp @ 3500 rpm) with 2.5:1 ZF 85A reduction gear.
 Propeller: 24" X 28", ZF FPS (0.85 DAR) x 2.00" bore, 4-blade, NiBrAl, with #5 cup.
 Fuel Consumption calculated by integral Volvo engine fuel flow gauging equipment.
 Range based on 90% of 185gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 3200 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

