

PERFORMANCE DATA

SABRE 38 SALON EXPRESS, DD-101 - Volvo-Penta D4-300mHp & IPS1-400

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm	dBA Aft Cockpit
Idle	700	4.5	0.7	6.36	1797	64	
	1000	6.1	1.9	3.21	907	63	
	1500	8.6	4.9	1.74	493	67	
	2000	10.6	9.9	1.07	301	68	
	2200	12.3	12.0	1.03	290	68	
	2400	14.3	15.0	0.95	269	69	
	2600	16.8	17.0	0.99	278	70	
	2800	19.6	19.0	1.03	292	71	
	2830	20.0	19.3	1.04	293	70	78
	3000	22.9	21.0	1.09	308	73	
	3170	25.0	22.5	1.11	314	74	81
	3200	25.3	23.0	1.10	311	72	
	3400	28.1	25.5	1.10	311	76	
3500	29.1	27.0	1.08	305	76		
WOT	3620	30.6	30.0	1.02	288	77	

Notes: Based on performance measured 08/06/2012 w/ 4 crew (~800lbs.), 100% full fuel (314gal.), 100% water (100gal.), 0% waste. with ~100lbs. of tools., no owner's gear.
 Clear Skies, Winds - S-SW @ <5kts, Ambient Air Temp.: 73deg.F.
 Seas ~ 1ft. very light chop, Sea Water Temp.: 63deg.F.
 Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME.
 Engines: 2/ea. Volvo-Penta D4 (300-mhp @ 3500 rpm) with Volvo-Penta IPS1 400 POD propulsion drives.
 Propellers: Volvo-Penta - 'T4' propeller set.
 Fuel Consumption calculated by integral Volvo-Penta engine fuel flow measuring equipment.
 Range based on 90% of 314gal. fuel capacity.
 Recommended maximum continuous cruise speed is @ 3200rpm (25.3kts, burning 23gph)
 Performance data is subject to change depending on tankage, temperature and other factors.

