

PERFORMANCE DATA

SABRE 38 EXPRESS, Volvo IPS-450, Y077

Revised with fixed centerline trim fence

	RPM	SPEED (trimmed) (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit	trimmed running angle (°)
Idle	600	4.0	0.6	6.67	1896	71	68	72	0.5
	1000	6.3	2.0	3.15	896	70	71	72	1.0
	1500	8.7	4.6	1.89	538	71	76	76	1.5
	2000	11.5	10.7	1.07	306	77	78	80	4.0
	2200	13.5	12.8	1.05	300	78	77	81	5.0
	2400	16.3	15.1	1.08	307	81	81	83	5.0
	2600	19.0	17.4	1.09	311	82	81	84	4.0
	2800	21.3	20.2	1.05	300	83	81	85	4.0
	3000	23.8	22.6	1.05	300	83	82	83	3.5
	3200	26.3	25.6	1.03	292	83	83	84	3.5
WOT	3400	28.6	29.4	0.97	277	85	83	86	3.5
	3625	31.0	34.6	0.90	255	84	84	86	3.0

Notes: Based on performance measured 12/03/2008 with 3 crew (~600lbs.), full fuel (316 gal.), 7/8 water (85 gal.).

Sea Trial performed in *Tred Avon* River, Oxford, Maryland

No aft enclosure nor canvas, 100lbs. of tools, and no owner's gear.

Bright sun, 44° F ambient air temp., winds SW @ <1kt., 9NM visibility

Sea state, flat calm, 46° F sea water temp.

Speed measured by GPS. Average of reciprocal runs.

Engines: 2/ea. Volvo D6 330 mhp @ 3400 rpm with **IPS drives**.

Propellers: Volvo T3

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

Range based on 90% of 316 gal. fuel capacity.

Recommended max. continuous cruise speed is @ 3200 RPM.

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

