

## PERFORMANCE DATA

### SABRELINE 38 EXPRESS, Y-012 - Yanmar 6LYA-STP (370-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	650	5.1	1.6	3.19	1004	72	68	67
	1000	6.7	1.6	4.19	1319	70	68	74
	1200	8.0	1.8	4.44	1400	70	70	76
	1400	9.1	4.2	2.17	683	72	72	76
	1600	9.6	6.8	1.41	445	74	75	78
	1800	11.3	11.2	1.01	318	76	78	79
	2000	13.6	14.4	0.94	298	78	78	79
	2200	16.2	16.8	0.96	304	79	79	80
	2400	19.7	19.4	1.02	320	82	79	83
	2600	21.9	23.0	0.95	300	83	80	84
	2800	24.3	25.2	0.96	304	84	82	85
	3000	25.9	30.0	0.86	272	85	83	86
WOT	3200	28.1	34.6	0.81	256	86	83	88
	3385	29.4	41.4	0.71	224	87	84	89

Notes: Based on performance measured 04/29/2005 with 3 crew (~550 lbs.), full fuel (350 gal.), full water (100 gal.).  
wind, Southwest at 12-15 kts., seas ~ 1ft.choppy.

ambient air temperature ~50 deg. F.

Speed measured by GPS.

Engines: 2/ea. Yanmar 6LYA-STP (370-mhp @ 3300 rpm) with 2.04:1 ZF IRM 220A reduction gears.

Propellers: 23" X 24.5", ZF FPS (0.85 DAR), 4-blade, NiBrAl, #3-light cup.

Fuel Consumption measured using Mack Boring and Parts fuel flow gauging equipment.

Range based on 90% of 350gal. fuel capacity.

Yanmar recommended max. continuous cruise speed is @ 3100 RPM.

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

