

## PERFORMANCE DATA

### Back Cove 33', C-002 - Yanmar 6LY3-UTP (380-mHp) 5-May-07

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)
Idle	700	4.1	0.3	13.67	2276
	1000	5.5	0.5	11.00	1832
	1350	7.4	1.2	6.17	1027
	1700	8.5	1.9	4.47	745
	2000	9.4	4.3	2.19	364
	2300	11.6	6.5	1.78	297
	2700	16.5	9.3	1.77	295
	3000	19.5	12.0	1.63	271
WOT	3300	22.6	15.8	1.43	238
	3450	23.9	17.2	1.39	231

Based on performance measured 05/05/2007 with 3 crew (~600lbs.), 7/8 fuel (165gal.), 1/4 water (15gal.) with Canvas Enclosure, generator, and owner's gear onboard.

Wind - West 12-14kts., Ambient Air Temp.: 80deg.F.

Seas ~ Light Chop, Sea Water Temp.: 78deg.F.

Notes: Speed measured by GPS. Average of reciprocal runs in sheltered water, Snead's Island, FL.

Engines: Yanmar 6LY3-UTP (380-mhp @ 3300 rpm) with 2.5:1 ZF 85A reduction gear.

Propeller: 24" X 25", Hy-Torque (0.85 DAR) x 2" bore, 4-blade, NiBrAl, with #3 cup.

Fuel Consumption calculated by integral Yanmar engine fuel flow measurement equipment.

Range based on 90% of 185gal. fuel capacity.

Yanmar recommended max. continuous cruise rpm is @ 3198 RPM.

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

#### Back Cove 33' (C-006) SPEED & FUEL CONSUMPTION

