

PERFORMANCE DATA

Back Cove 33', C-006 - Yanmar 6LY3-STP (440-mHp) NO AFT ENCLOSURE

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	700	4.7	0.4	11.75	1956	63	66	65
	1000	6.2	0.9	6.83	1138	68	71	74
	1200	7.1	1.5	4.73	788	72	73	76
	1400	8.1	2.0	4.05	674	74	74	77
	1600	8.9	2.7	3.30	549	75	76	78
	1800	10.1	3.9	2.59	431	75	76	78
	2000	11.3	5.6	2.01	334	76	76	79
	2200	13.6	7.2	1.88	313	77	78	80
	2400	16.9	9.3	1.82	303	78	78	81
	2600	18.5	10.7	1.73	288	80	80	83
	2800	20.9	12.4	1.68	280	81	80	84
	3000	22.9	14.6	1.57	261	82	82	85
WOT	3200	25.2	17.5	1.44	240	84	83	86
	3415	26.9	20.5	1.31	218	85	85	86

Notes: Based on performance measured 04/04/2007 with 3 crew (~600lbs.), full fuel (185gal.), full water (60gal.) with no Aft Enclosure, no generator, and no owner's gear.
 Overcast Skies, Wind - East 12-14kts., Ambient Air Temp.: 33deg.F.
 Seas ~ 3ft, Sea Water Temp.: 38deg.F.
 Speed measured by GPS. Average of reciprocal runs in Muscle Ridge Channel, Owls Head, ME.
 Engines: Yanmar 6LY3-STP (440-mhp @ 3300 rpm) with 2.5:1 ZF 85A reduction gear.
 Propeller: 24" X 28", Hy-Torque (0.85 DAR) x 2" bore, 4-blade, NiBrAl, with #5 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

