

PERFORMANCE DATA

Back Cove 29', A-163 - Yanmar 6BY (260-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	Engine Load %	dBA Helm Deck
Idle	750	3.2	0.4	8.00	1058	21	73
	1000	4.6	0.5	9.20	1217	36	74
	1500	6.8	1.3	5.23	692	48	76
	2000	8.4	2.8	3.00	397	57	78
	2500	11.0	4.9	2.24	297	66	80
	3000	14.5	7.6	1.91	252	70	82
	3400	18.6	9.4	1.98	262	72	84
	3600	21.0	11.0	1.91	253	80	85
WOT	3800	23.5	12.3	1.91	253	90	88
	4100	25.5	13.5	1.89	250	99	89

Notes: Based on performance measured 10/17/2007 with 5 crew (~800lbs.), 82% fuel (120gal.), full water (30gal.) with no aft enclosure, 40lbs. of tools., no owner's gear
 Sunny, Wind - NW light at 5-10kts., Ambient Air Temp.: 50-55deg.F.
 Seas < 2ft chop, Sea Water Temp.: 52deg.F.
 Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Rockland, ME.
 Engine: Yanmar 6BY(260-mhp @ 4000 rpm) with 2.43:1 KZA reduction gear.
 Propeller: 20" X 22.5", ZF FPS (0.85 DAR) x 1.5" bore, 4-blade, NiBrAl, with no cup.
 Fuel Consumption calculated by integral Yanmar engine fuel flow gauging equipment.
 Range based on 90% of 147gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 3600 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

Back Cove 33' (C-004) SPEED & FUEL CONSUMPTION

