

PERFORMANCE DATA

Back Cove 34', C-101 - Cummins QSB 5.9 (480-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	4.2	0.5	8.40	1399	63
	800	5.3	0.9	5.89	981	70
	1000	6.2	1.3	4.77	794	73
	1200	7.2	1.9	3.79	631	74
	1400	8.1	2.7	2.98	496	73
	1600	8.9	3.9	2.27	378	73
	1800	9.9	5.7	1.73	288	74
	2000	12.0	7.6	1.58	263	74
	2200	14.0	9.2	1.52	252	76
	2400	17.0	11.0	1.55	257	77
Cruise	2600	19.5	12.8	1.52	254	79
	2800	22.0	14.8	1.49	248	81
	3000	24.8	17.6	1.41	235	82
WOT	3200	26.8	21.6	1.24	207	83
	3400	29.4	25.5	1.15	192	84
WOT	3450	29.8	25.6	1.16	194	84

Notes: Based on performance measured 08/25/2011 with 4 crew (~700lbs.), ~ 3/4 fuel (135gal.), half water (40gal.).

with no aft enclosure*, 100lbs. of tools., no owner's gear; optional 6kW Genset

Clear, Wind - SSE at 8-10kts., Ambient Air Temp.: 70-72deg.F.

Seas 2-4ft, Sea Water Temp.: 62deg.F.

Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME.

Engine: Cummins QSB 5.9 (480-mhp @ 3400 rpm) with 2.5:1 ZF 85A reduction gear.

Propeller: 24" X 31.5", ZF FPS (0.85 DAR) x 2" bore, 4-blade, NiBrAl, with #3 cup.

Fuel Consumption calculated by integral Cummins-Mercruiser engine fuel flow gauging equipment.

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

Recommended max. continuous cruise speed is @ 3200 RPM.

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

