

## PERFORMANCE DATA

### Back Cove 34', C131 - Cummins QSB 6.7 (380-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	4.4	0.4	11.00	1832	65
	800	5.0	1.0	5.00	833	63
	1000	5.9	1.6	3.69	614	70
	1200	7.0	2.4	2.92	486	69
	1400	8.0	3.4	2.35	392	69
	1600	9.2	4.6	2.00	333	72
	1800	10.7	6.9	1.55	258	72
	2000	12.1	8.5	1.42	237	72
	2200	14.3	10.4	1.38	229	75
	2400	16.7	12.6	1.33	221	76
WOT	2600	19.1	15.0	1.27	212	76
	2800	22.0	16.8	1.31	218	78
WOT	3060	24.8	19.3	1.28	214	80

Notes: Based on performance measured 03/8/2013 w/ 5 crew (~1000lbs.), 3/4 fuel (140gal.), full water (80gal.)  
 Vessel equipped with Optional Generator, Hardback, Helm A/C and Cabin A/C.  
 Sunny, Wind - NE heavy at 20kts., Ambient Air Temp.: 35-40deg.F.  
 Seas 3-5 Swell, Sea Water Temp.: 38deg.F.  
 Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Camden, ME.  
 Engine: Cummins QSB 6.7 (380-mhp @ 3000 rpm) with 1.962:1 ZF 85A reduction gear.  
 Propeller: 23" X 24", ZF (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 @ 2800 RPM.  
 Performance data is subject to change depending on tankage, temperature and other factors.

#### Back Cove 34' SPEED & FUEL CONSUMPTION

