

PERFORMANCE DATA

Back Cove 33', C-004 - Cummins QSB 5.9 (380-mHp) HARD AFT ENCLOSURE

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	600	4.2	0.4	10.50	1748	60	59	65
	800	5.5	0.8	6.88	1145	61	61	70
	1000	6.5	1.2	5.42	902	64	64	74
	1200	7.4	1.7	4.35	725	68	67	75
	1400	8.3	2.5	3.32	553	70	71	76
	1600	9.0	3.8	2.37	394	74	72	82
	1800	10.4	5.1	2.04	340	76	74	83
	2000	12.2	6.9	1.77	294	77	75	80
	2200	14.7	8.4	1.75	291	77	74	81
	2400	17.0	10.0	1.70	283	78	75	83
	2600	19.6	11.5	1.70	284	79	76	84
WOT	2800	22.4	13.8	1.62	270	81	79	84
	3060	25.0	16.8	1.49	248	86	80	86

Notes: Based on performance measured 03/09/2007 with 6 crew (~1200lbs.), half fuel (100gal.), half water (30gal.)
with optional Hard Aft Enclosure, 100lbs. of tools., no owner's gear.
Sunny, Wind - NW light at 5-8kts., Ambient Air Temp.: 20-25deg.F.
Seas < 1ft ripple, Sea Water Temp.: 35deg.F.
Speed measured by GPS. Average of reciprocal runs in Muscle Ridge Channel, Owls Head, ME.
Engine: Cummins QSB 5.9 (380-mhp @ 3000 rpm) with 1.962:1 ZF 85A reduction gear.
Propeller: 23" X 24", ZF FPS (0.85 DAR) x 1.75" bore, 4-blade, NiBrAl, with no 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 33' (C-004) SPEED & FUEL CONSUMPTION

