

BACK COVE YACHTS

PERFORMANCE DATA



Test Date: 8-1-17



	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBa Helm Deck
Idle	600	3.4	0.3	11.33	1887	65
	800	4.5	0.5	9.00	1499	66
	1000	5.7	1.0	5.70	949	70
	1200	6.7	1.4	4.79	797	71
	1400	7.5	2.0	3.73	620	74
	1600	8.3	2.7	3.13	521	73
	1800	8.9	4.1	2.16	359	76
	2000	10.0	5.4	1.87	311	78
	2200	11.7	6.5	1.81	301	79
	2400	13.7	8.1	1.69	282	80
Cruise	2600	15.7	9.9	1.59	265	83
	2800	17.7	11.0	1.60	267	82
	3000	19.5	13.0	1.50	250	82
	3200	22.1	14.5	1.52	254	82
WOT	3400	24.2	18.0	1.34	223	84
	3600	26.1	21.0	1.24	223	85

Back Cove 32 - Hull# 18 (Hardback)

Length Overall: 37'-0"

Beam: 11'-10"

Displacement: 17,500 lbs

Engine: Volvo-Penta D6 370mHP

Prop: 24" X 26", #2 Cup, ZF KCA (0.75 DAR) x 2" bore, RH, 4-blade, NiBrAl

Crew: 2 persons plus tools (approx. 500 lbs)

Fuel: Full (approx. 165 gal.)

Water: only 1/3 (approx. 30 gal.) due to weight of optional hardback

Bottom: No bottom paint

Weather: Calm, Overcast

Ambient Air Temp.: 75 deg.F.

Seas: < 1 ft

Sea Water Temp: 55 deg.F.

Comments:

- ❖ Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Rockland, ME.
- ❖ Fuel Consumption calculated by integral engine fuel flow gauging equipment.
- ❖ Range based on 90% of 185 gal. fuel capacity.
- ❖ Recommended max. continuous cruise speed is @ 3200 RPM.
- ❖ Performance data is subject to change depending

