

BACK COVE YACHTS

PERFORMANCE DATA



Test Date: 8-14-18



	RPM	SPEED (kts.)	SPEED (mph)	GPH	MPG	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	3.3	3.8	1.1	3.6	3.0	675	53
	1000	5.1	5.9	2.3	2.5	2.2	499	56
	1500	6.8	7.8	3.6	2.2	1.9	425	61
	2000	8.5	9.8	5.6	1.7	1.5	342	66
	2500	10.2	11.7	9.0	1.3	1.1	255	72
	3000	13.6	15.7	12.6	1.2	1.1	243	72
	3500	18.5	21.3	18.0	1.2	1.0	231	78
	4000	23.4	26.9	22.9	1.2	1.0	230	88
	4500	29.0	33.4	30.7	1.1	0.9	213	84
	5000	32.4	37.3	36.6	1.0	0.9	199	85
	5500	38.1	43.8	49.4	0.9	0.8	174	85
WOT	6000	40.5	46.6	58.4	0.8	0.7	156	88

Time to plane: 4.5 seconds
0 to 30 mph: 9.8 sec.

Back Cove 340 - Hull# 1

Length Overall: 38'-11"

Beam: 11'-10"

Displacement: 17,000 lbs

Engine: Twin Suzuki DF350A - 350mHP; 30" shaft

Prop: 15.5" X 21" Stainless

Crew: 3 persons plus tools (approx. 600 lbs)

Fuel: Full (approx. 225 gal.)

Water: Full (approx. 60 gal.)

Bottom: No bottom paint

Weather: Calm, Overcast; Seas: < 1-3 ft;

Air Temp.: 79 deg. F.; 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 250 gal. fuel capacity.
- ❖ Speeds above 4500 RPM were optimized by trimming the engines
- ❖ Performance data is subject to change depending on tankage, temperature and other factors.
- ❖ Installed options: EPS steering, Sureshade, Anchor Windlass, Anchor (35lbs) and Chain (100 lbs), helm AC, Teak Swim Step, Mast, Cockpit table, Mate's seat appliance, full nav electronics.
- ❖ Sound readings done with cushions installed and aft salon canvas closed.

