

BACK COVE YACHTS

PERFORMANCE DATA



Test Date: 9-18-23



	RPM	SPEED (kts.)	SPEED (mph)	GPH	MPG	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	2.7	3.1	1.4	2.2	1.9	426	54
	1000	4.6	5.3	2.5	2.1	1.8	415	62
	1500	6.5	7.5	3.9	1.9	1.7	376	64
	2000	8.2	9.5	6.0	1.6	1.4	308	63
	2500	9.6	11.0	8.3	1.3	1.2	259	68
	3000	12.1	14.0	11.9	1.2	1.0	229	76
	3500	15.6	18.0	15.4	1.2	1.0	228	76
	4000	18.6	21.4	20.0	1.1	0.9	209	76
	4500	23.7	27.2	25.5	1.1	0.9	209	76
	5000	29.3	33.7	33.7	1.0	0.9	196	76
	5500	34.0	39.1	40.0	1.0	0.8	191	80
	6000	37.0	42.5	47.2	0.9	0.8	176	83

0 to 20 mph: 5.86 seconds
0 to 30 mph: 11.4 seconds

Back Cove 340 - Hull# 89

Length Overall: 38'-11"

Beam: 11'-10"

Displacement: 17,000 lbs

Engine: Twin Mercury V8 Verado - 300 mHP; 30" shaft

Prop: Revolution X 17 Pitch (4-blade) Stainless

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

Fuel: Full (approx. 240 gas; 25 gal diesel)

Water: Full (approx. 60 gal.)

Bottom: Bottom paint

Weather: Rain/Overcast Seas: Calm < 1 ft;

Air Temp.: 70 deg. F.; Sea Water Temp: 60 deg.F.

Comments:

- ❖ Speed measured by GPS. Average of reciprocal runs in Casco Bay, Portland, ME.
- ❖ Fuel Consumption calculated by integral engine fuel flow gauging equipment.
- ❖ Range based on 90% of 250 gal. fuel capacity.
- ❖ Speeds were achieved using Active Trim; speeds above 5500 RPM were optimized by trimming the engines.
- ❖ Performance data is subject to change depending on tankage, temperature and other factors.
- ❖ Installed options: Joystick W/ Skyhook, Trim Package, Windlass, Fresh & Raw Water Washdown, AutoFlush, Mast, Cockpit Table, Makefast Shade
- ❖ Sound readings done with cushions installed and aft salon canvas closed.

