

# BACK COVE YACHTS

## PERFORMANCE DATA



Test Date: 4-28-17



	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	3.3	0.2	16.25	2706	72
	800	4.6	0.4	11.38	1894	66
	1000	5.5	0.6	9.08	1512	68
	1200	6.2	1.0	6.15	1024	69
	1400	7.2	1.5	4.77	794	69
	1600	8.0	2.2	3.72	620	72
	1800	8.5	3.1	2.77	461	74
	2000	9.4	4.1	2.31	384	75
	2200	10.4	5.5	1.89	315	76
	2400	11.9	6.7	1.78	296	79
	2600	13.9	7.9	1.77	295	79
	2800	15.4	9.1	1.69	282	81
	3000	17.3	10.6	1.63	272	83
Cruise	3200	19.2	12.3	1.57	261	84
	3400	21.3	14.2	1.50	249	83
	3600	23.0	16.4	1.40	234	85
WOT	3825	25.0	18.5	1.35	249	84

### Back Cove 32 - Hull# 10

Length Overall: 37'-0"  
 Beam: 11'-10"  
 Displacement: 17,500 lbs  
 Engine: Yanmar 8LV 370 mHP  
 Prop: 23" X 23", #3 Cup, ZF KCA (0.75 DAR) x 2" bore,  
 RH, 4-blade, NiBrAl  
 Crew: 2 persons plus tools (approx. 400 lbs)  
 Fuel: 168 gal  
 Water: none  
 Bottom: No bottom paint  
 Weather: Calm, Foggy,  
 Ambient Air Temp.: 52 deg.F.  
 Seas: < 1 ft  
 Sea Water Temp: 40 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 @ 3600 RPM.
- ❖ Performance data is subject to change depending on tankage, temperature and other factors.

