

BACK COVE YACHTS

PERFORMANCE DATA

Back Cove 41', F010 - Cummins QSM-11 (715-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Helm Deck
Idle	600	5.6	1.3	4.41	1587	65
	800	6.8	2.3	2.98	1074	68
	1000	8.5	4.1	2.08	749	70
	1200	9.6	6.8	1.41	509	71
	1400	11.5	10.0	1.15	412	72
	1600	14.6	13.8	1.05	380	74
	1800	17.6	17.2	1.02	367	76
	2000	20.7	22.6	0.92	330	78
Cruise	2200	24.2	27.0	0.89	322	80
	2300	25.6	31.0	0.82	297	81
WOT	2400	27.0	34.0	0.79	285	82
	2500	28.7	37.5	0.76	275	82

Notes: Based on performance measured 9/29/14 with 6 crew (~1200lbs.), 90% fuel (385gal.), 100% water (150gal.).

No bottom paint, 150lbs. of tools.

Cloudy, Wind - SW at 15 kts., Ambient Air Temp.: 61 deg.F.

Seas 1-2 ft, Sea Water Temp.: 56 deg.F.

Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Rockland, ME.

Engine: Cummins QSM 11 (715-mhp @ 2500 rpm) with 2.037:1 ZF 305-3A reduction gear.

Propeller: 28" X 34.5", #5 Cup, ZF KCA (0.90 DAR) x 2-1/4" bore, 4-blade, NiBrAl.

Fuel Consumption calculated by integral Cummins-Mercruiser engine fuel flow gauging equipment.

Range based on 90% of 410gal. fuel capacity.

Recommended max. continuous cruise speed is @ 2300 RPM.

Performance data is subject to change depending on tankage, temperature and other factors.

