

BACK COVE YACHTS

PERFORMANCE DATA

Back Cove 41', F003 - Cummins QSC 8.3 (600-mHp)

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)
Idle	600	3.9	0.6	6.39	2302
	800	5.5	1.0	5.73	2063
	1000	7.2	1.5	4.77	1716
	1200	8.1	2.5	3.29	1185
	1400	9.2	4.0	2.28	819
	1600	10.1	6.5	1.54	553
	1800	11.7	9.0	1.29	466
	2000	13.5	12.2	1.11	398
	2200	16.0	15.4	1.04	373
	2400	18.1	18.9	0.96	344
Cruise	2600	20.8	23.0	0.90	325
	2700	21.9	25.0	0.88	315
WOT	2800	23.8	28.0	0.85	305
	3080	26.6	32.2	0.82	297

Notes: Based on performance measured 4/9/14 with 6 crew (~1200lbs.), 90% fuel (360gal.), 100% water (140gal.).
 No bottom paint, 150lbs. of tools.
 Clear, Wind - SSE at 0-5kts., Ambient Air Temp.: 50 deg.F.
 Seas 1-2ft, Sea Water Temp.: 38 deg.F.
 Speed measured by GPS. Average of reciprocal runs in West Penobscot Bay, Rockland, ME.
 Engine: Cummins QSC 8.3 (600-mhp @ 3000 rpm) with 2.3:1 ZF 286A reduction gear.
 Propeller: 28" X 31", #3 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 400gal. fuel capacity.
 Recommended max. continuous cruise speed is @ 2700 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

