

PERFORMANCE DATA

Back Cove 29 Hardtop, YANMAR 6LPA-STP (315-HP)

RPM	KNOTS	GPH	NM/G	RANGE (nm)	dBA, HELM
Idle	3.5	0.5	7.4	985	73
1000	5.0	0.6	8.3	1103	73
1500	7.5	1.5	5.0	662	76
2000	10.5	3.6	2.9	386	79
2500	16.0	6.6	2.4	321	82
2800	18.5	8.2	2.3	298	84
3000	19.5	9.0	2.2	287	84
3300	22.0	10.8	2.0	270	85
3500	23.5	12.3	1.9	253	87
3800	28.0	17.0	1.6	218	88

Notes: performance with 4 crew (600 lbs.), 75% fuel (110 gal.), 100% water (30 gal.), 25% waste (7.5 gal.)
 speed measured by gps average of two opposing runs
 Engines: Single Yanmar 6LPA-STP (315-hp @ 3800 rpm) with ZF IRM 63-A transmissions (2.04:1 reduction ratio)
 Propellers: 20"x22.5", Michigan, 4-blade, NiBrAl, 1-1/2" diam. shaft bore (0.86 DAR)
 Range based on 90% of 147 gal. fuel capacity.
 Major options included: Hardtop, 12kBtu single air conditioner
 Sound Levels taken at helm in db-A
 Performance data is subject to change depending on tankage, temperature and other factors.
 Standard 4", above water (side) exhaust.
 Climate: Sept 29, 2003 Boston. Approx 65deg, sunny, light chop and large swells
 Trim....very slight port tab

