

PERFORMANCE DATA

SABRELINE 38 EXPRESS (Y006), YANMAR 6LY2A-STP (440-HP) w/ Hardback Enclosure

RPM	KNOTS	MPH	GPH	NM/G	RANGE (nm)	dBA, HELM
750	5.0	5.8				64
1000	7.3	8.4				63
1200	8.5	9.8				68
1400	9.5	10.9				72
1600	10.6	12.2	6.8	1.6	495	74
1800	13.4	15.4	9.2	1.5	459	75
2000	15.6	17.9	12.0	1.3	410	76
2200	18.9	21.7	14.8	1.3	404	77
2400	21.6	24.8	18.0	1.2	378	79
2600	24.8	28.5	22.0	1.1	355	81
2800	26.9	30.9	26.5	1.0	320	82
3000	29.1	33.5	32.8	0.9	280	83
3200	31.1	35.8	40.0	0.8	245	85
3435	32.9	37.8	45.0	0.7	230	85

Notes: Date: 12/08/2004 2 Crew onboard
 Location: Royal River Boat Yard / Casco Bay, ME
 Weather: Overcast, ~34deg.F air temp., light winds ~ 10kts.
 Sea Cond.: light chop, 45deg.F water temp.
 Tankage: Full Fuel, Zero Water , Zero Waste
 Speed measured by:GPS Fuel Consumption: Predicted based upon Yanmar published engine data.
 Engines: (2) Yanmar 6LY2A-STP 440 mHp @ 3300 rpm
 Transmissions: (2) ZF 280A 2.227:1 reduction gears
 Propellers: ZF FPS 24" x 29.5" x 2" bore, 4-Blade Nibral, 3.5 deg rake, 25 deg skew, 0.85 DAR, with anti singing edges and (#3, 0.003") cup
 Range based on 90% of 350 gal. fuel capacity.
 Recommended fast cruise speed is 3000rpm.
 Performance data is subject to change depending on tankage, temperature and other factors.
 Standard 5", above water (side) exhaust.

