

GENERATION 13 LTE PERFORMANCE REPORT

SPECIFICATIONS

Boat Model	Generation 13 LTE
LOA	13'
Beam	6'
Dry Weight	171 Kg / 376 Lb
Weight as Tested	351 Kg / 775 Lb
Max Motor	37 Kw / 50 HP
Max Persons	6
Fuel Capacity	11 G (9.9G)*

*Fuel Tank Volume (Fuel Tank Capacity)



MOTOR

Motor Tested	Honda BF50
Motor Shaft Length	20" (L)
Engine Height	# 2 Hole Position
Anti-Vent. Plate	Even With Bottom
Propeller	11.1 X 14 HQ

TEST CONDITIONS

Number of People	2*
Temperature Air/Water	82 F / 76 F
Elevation	0'
Wind	5 MPH
Water	Salt / Calm

*352 Lb (160 Kg)

PERFORMANCE DATA

Without Doel Fin Wing

Seconds to Plane:	6.34
Max Speed MPH	35

PERFORMANCE DATA

With Doel Fin Wing

Seconds to Plane:	4.6
Max Speed MPH	31

Without Doel Fin Wing				Est Range Miles
RPM	MPH	GPH	MPG	
1000	3.1	0.4	7.8	77
2000	5.1	0.7	7.3	72
3000	6.4	1.5	4.3	42
3659 MPS*	17.1	1.7	10.1	100
4000	20.5	1.8	11.4	113
5000**	27.0	3	9.0	89
5950***	34.0	4.9	6.9	69
6000****	34.5	4.9	7.0	70

*MPS : Minium Planing Speed
Trim Angle: **25% *** 40% ****90%

With Doel Fin Wing				Est Range Miles
RPM	MPH	GPH	MPG	
1000	3.0	0.3	10.0	99
2000	5.3	1.9	2.8	27
3000	7.6	1.6	4.8	47
3400 MPS*	15.0	1.6	9.4	93
4000**	20.5	1.9	10.8	107
5000***	26.0	2.9	9.0	89
5950****	31.0	4.5	6.9	68

*MPS : Minium Planing Speed
Trim Angle: **60% *** 100% ****100%

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Passengers	Seconds to Plane	Max Speed MPH	Without Doel Fin Wing	
			Max RPM	Passengers Weight
1	3	35.0	6050	96 Kg / 211 Lb
2	4	34.5	6000	160 Kg / 352 Lb
3	6	29.2	5600	258 Kg / 568 Lb
4	6	28.9	5600	339 Kg / 747 Lb
5	8	24.7	5450	418 Kg / 921 Lb

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Passengers	Seconds to Plane	Max Speed MPH	With Doel Fin Wing	
			Max RPM	Passengers Weight
1	4	31.5	6000	96 Kg / 211 Lb
2	5	31.0	5950	160 Kg / 352 Lb
3	6	28.5	5550	258 Kg / 568 Lb
4	6	26.3	5400	339 Kg / 747 Lb
5	7	27.0	5450	418 Kg / 921 Lb

RIGGING RECOMMENDATIONS

If your primary use is with two passengers on the rear seat we recommend installing a wing on the motor for early planing and a lower planing speed.

For testing we used the Doel Fin wing because it does not extend the length of the boat with the motor installed.

COMMENTS

Test weight includes 1/4 tank of fuel, safety and test equipment, 5 seat console base, telescopic ladder, rod holders, stereo, 7" Simrad installed.

NOTICE

The data and results in this report will vary with conditions and are intended as a reference only. Performance is likely to vary depending on various factors such as but not limited to water conditions, rigging or loading. Walker Bay can not guarantee that your boat will perform the same. Information in this report is subject to change without notice. Always drive safely and take care of your passengers and others on or in the water.