

ENGINE:
Single 150 hp FourStroke

BOAT:
Ultimate Boats - Ultimate 21

PROP:
Enertia®


TEST CONDITIONS

Test Date	2016-06-14
Test Conductor	Peter B
Sea State	Smooth
Air Temperature	13 °C
Water Type	Salt
Fuel Level at Testing	125 liters
Range	242 km
Boat Weight as Tested	1800 kg

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	150 hp FourStroke
HP / kW	150 / 110
Engine type	8-valve single overhead cam (SOHC) Inline 4
Gearcase ratio	1.92:1

PROPELLER SPECIFICATIONS

Part Number	898992A46
Mercury Name	Enertia®
Material	X7 Alloy
Diameter / Pitch	14.7 / 16.0
Number of Blades	3

BOAT SPECIFICATIONS

Manufacturer	Ultimate Boats
Website	http://ultimateboats.co.nz/
Boat Model	Ultimate 21
Boat Type	Offshore fishing
Material	Aluminum
Length	6.3 m
Beam	2.4 m
Max HP Capacity	200
Fuel Tank Capacity	125 liters
Steering Type	Hydraulic
Dry Boat Weight	1650.0 kg



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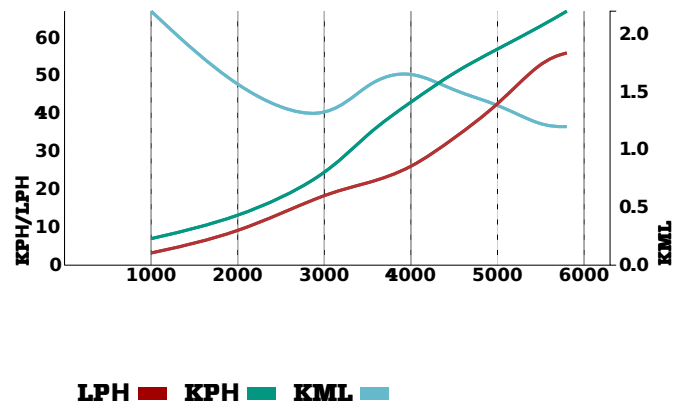


PERFORMANCE SUMMARY

Best Fuel Economy (KM/L@RPM)	1.7 @ 4000
Top Speed (KPH@RPM)	67.5 @ 5800
Acceleration 0 - 20 KPH (seconds)	2.76
Acceleration 0 - 30 KPH (seconds)	3.43

RPM Range	Speed (KPH)	Fuel (LPH)	Fuel (KM/L)	Range (km)	Sound (dBA)
1000	7.0	3.2	2.2	313.5	-
2000	12.3	8.2	1.5	213.8	-
3000	23.0	19.0	1.2	171.0	-
3500	35.0	21.5	1.6	228.0	-
4000	43.0	25.4	1.7	242.3	-
4500	51.0	33.5	1.5	213.8	-
5000	57.0	42.0	1.4	199.5	-
5500	63.0	54.0	1.2	171.0	-
5800	67.0	56.0	1.2	171.0	-

PERFORMANCE CURVE



COMMENTS