BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
51 mph/5247 rpm

Acceleration
0 - 20 mph (seconds)
5.48

Acceleration
0 - 30 mph (seconds)
7.64



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 6, 2020	75	731	Calm	5	Freshwater

ENGINE

Number of Engines	1
Engine	4.5L MerCruiser
Horsepower	250
Cylinders	6
Drive or gear model and ratio	Alpha One 1.62

PROPELLER

Mercury Name	Black Max
Material	Aluminum
Pitch	19
Number of Blades	3

BOAT

Boat Brand	Bayliner
Boat Model	VR5
Boat Type	Runabout
Boat Material	Fiberglass
Length (ft)	20
Beam (ft)	8
Fuel Tank Capacity (gal)	35
Steering Type	Power Steering
Dry Boat Weight (lbs)	2,895

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.5	0.8	3	105
1000	5.1	1.4	3.6	125
1500	6.9	2.3	2.9	102
2000	8.2	3.6	2.3	79
2500	12.4	6.1	2	71
3000	27.5	6	4.5	159
3500	33.4	8	4.2	145
4000	38.9	10.3	3.8	132
4500	44.3	13.7	3.2	113
5000	48.4	17.6	2.7	96
5200	50.5	19.2	2.6	92

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