BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
36.6 mph/5614 rpm

Acceleration
0 - 20 mph (seconds)
4.03

Acceleration
0 - 30 mph (seconds)
7.86



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 31, 2021	54	700	Choppy	15	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	200
Cylinders	6
Drive or gear model and ratio	HD Straight 1.85
Engine Height (in)	-1.25
Engine Setback (in)	5.25
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	14
Number of Blades	3

BOAT

Boat Brand	Barletta
Boat Model	Cabrio C24U
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	25.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	34
Steering Type	Power Steering
Dry Boat Weight (lbs)	3,194

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	0.5	0.6	0.9	30
1000	4	1	3.9	132
1500	6	1.6	3.8	128
2000	8.1	2.5	3.3	112
2500	11.2	3.1	3.6	122
3000	15.9	4.2	3.8	128
3500	19.9	5.9	3.4	115
4000	23.9	7.8	3.1	104
4500	27.8	9.8	2.8	96
5000	31.8	13.4	2.4	81
5500	36.5	15	2.4	83

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