BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
44 mph/5718 rpm

Acceleration
0 - 20 mph (seconds)
3.79

Acceleration
0 - 30 mph (seconds)
6.68



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
July 17, 2025	70	856	Choppy	9	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	250
Cylinders	8
Drive or gear model and ratio	Standard 1.75
Engine Height (in)	-0.375
Engine Setback (in)	5.6
Engine Length (in)	20

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	15
Number of Blades	3

BOAT

Boat Brand	Barletta
Boat Model	C24CC
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	25.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	50
Steering Type	Power Steering
Dry Boat Weight (lbs)	3,194

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.9	0.8	2.4	117
1000	4.3	1.4	3.1	154
1500	6.5	2.2	3	148
2000	8.9	3.3	2.7	136
2500	13.8	3.9	3.5	177
3000	17.9	5.2	3.5	172
3500	22	7.2	3.1	152
4000	26.5	10.1	2.6	131
4500	31.8	12.1	2.6	131
5000	36.1	15.3	2.4	117
5500	42.7	20.6	2.1	103

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