

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

34.6 mph/5743 rpm

Acceleration

0 - 20 mph (seconds)

4.89

Acceleration

0 - 30 mph (seconds)

9.59



Test Date

September 15, 2020

Air Temperature (°F)

66

Elevation (ft)

692

Sea State

Calm

Wind Velocity Range (mph)

10

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	150
Cylinders	4
Drive or gear model and ratio	Standard 1.92
Engine Height (in)	-1.5
Engine Setback (in)	4.5
Engine Length (in)	20

PROPELLER

Mercury Name	Spitfire
Material	Aluminum
Pitch	14
Number of Blades	4

BOAT

Boat Brand	Barletta
Boat Model	C22QC
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	23.2
Beam (ft)	8.6
Fuel Tank Capacity (gal)	34
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	2,834

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	0.7	0.6	1.2	41
1000	3.6	0.9	4.2	142
1500	5.8	1.3	4.4	150
2000	7.4	1.9	4	135
2500	8.9	2.6	3.4	116
3000	14.6	3.6	4.1	140
3500	17.5	5.1	3.4	116
4000	22	6.9	3.2	108
4500	25.7	8.8	2.9	100
5000	29.4	10.6	2.8	94
5500	33.2	13.6	2.5	83
5800	34.6	14.2	2.4	82

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