

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

71.6 mph/6539 rpm

Acceleration

0 - 20 mph (seconds)

6.21

Acceleration

0 - 30 mph (seconds)

9.18



Test Date

November 14, 2023

Air Temperature (°F)

82

Elevation (ft)

75

Sea State

Choppy

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	1
Engine	400R
Horsepower	400
Cylinders	10
Drive or gear model and ratio	HD Straight 1.60
Engine Setback (in)	22
Engine Length (in)	25

PROPELLER

Mercury Name	Bravo I LT
Material	Stainless Steel
Pitch	21
Number of Blades	4

BOAT

Boat Brand	Contender
Boat Model	26 Bay
Boat Type	Inshore Saltwater
Boat Material	Fiberglass
Length (ft)	26
Beam (ft)	8.5
Fuel Tank Capacity (gal)	100
Steering Type	Power Steering
Dry Boat Weight (lbs)	4,200

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.9	1.1	2.6	263
1000	5.7	2	2.8	284
1500	7.9	3.3	2.4	238
2000	8.7	4.9	1.8	177
2500	9.6	6.6	1.5	145
3000	11.2	9.4	1.2	118
3500	17.2	11.7	1.5	147
4000	36.9	12.8	2.9	287
4500	43.9	15.6	2.8	281
5000	48	17.3	2.8	276
5500	53.4	25.1	2.1	213
6000	63	31	2	200
6500	71.6	36.4	1.9	194

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