

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

53.9 mph/6002 rpm

Acceleration

0 - 20 mph (seconds)

4.84

Acceleration

0 - 30 mph (seconds)

7.92



Test Date

August 6, 2020

Air Temperature (°F)

90

Elevation (ft)

715

Sea State

Calm

Wind Velocity Range (mph)

11

Fresh/Salt Water

Freshwater

ENGINE

Number of Engines	3
Engine	FourStroke
Horsepower	250
Cylinders	8
Drive or gear model and ratio	Standard 1.85
Engine Height (in)	0.0, 0.0
Engine Setback (in)	0.0, 0.0
Engine Length (in)	20, 20, 20

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	19.0, 19, 19.0
Number of Blades	4

BOAT

Boat Brand	Sea Ray
Boat Model	DA 320 OB
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	34
Beam (ft)	10
Fuel Tank Capacity (gal)	220
Steering Type	Joystick
Dry Boat Weight (lbs)	13,681

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.1	2.3	1.4	303
1000	5.9	4.5	1.3	285
1500	8.3	6.8	1.2	270
2000	10	10.7	0.9	205
2500	11.2	14.5	0.8	170
3000	15.2	20	0.8	167
3500	23.1	24.6	0.9	205
4000	34.3	28.4	1.2	265
4500	40.1	35.3	1.1	250
5000	45.5	43.5	1	230
5500	49.8	56.3	0.9	194
6000	53.2	64.9	0.8	180

