BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
47.7 mph/5731 rpm

Acceleration
0 - 20 mph (seconds)
4.67

Acceleration
0 - 30 mph (seconds)
7.64



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
June 25, 2020	93	715	Calm	10	Freshwater

ENGINE

Number of Engines	2
Engine	FourStroke
Horsepower	200
Cylinders	6
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

PROPELLER

Mercury Name	Revolution 4
Material	Stainless Steel
Pitch	17.0, 17.0
Number of Blades	4

BOAT

Boat Brand	Sea Ray
Boat Model	SDX 290 OB Sea Star JPO
Boat Type	Deck Boat
Boat Material	Fiberglass
Length (ft)	31
Beam (ft)	9
Fuel Tank Capacity (gal)	130
Steering Type	Joystick
Dry Boat Weight (lbs)	7,030

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.7	1.2	2.3	294
1000	5.8	2.2	2.6	340
1500	7.8	3.6	2.2	281
2000	9.5	6	1.6	205
2500	13.6	8.2	1.7	215
3000	21.1	9.6	2.2	286
3500	27.6	12.5	2.2	287
4000	33.3	14.4	2.3	299
4500	37.4	17.7	2.1	274
5000	41.5	22.6	1.8	238
5500	45.4	29.8	1.5	197
5800	47.1	33.1	1.4	185

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