BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
58.2 mph/5966 rpm

Acceleration
0 - 20 mph (seconds)
3.6

Acceleration
0 - 30 mph (seconds)
5.4



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Fresh/Salt Water
October 8, 2019	65	234	Calm	Freshwater

ENGINE

Number of Engines	1
Engine	FourStroke
Horsepower	250
Cylinders	8
Drive or gear model and ratio	HD Straight 1.75
Engine Length (in)	25

PROPELLER

Mercury Name	Enertia
Material	Stainless Steel
Pitch	19
Number of Blades	3

BOAT

Boat Brand	Nautic Star
Boat Model	227 XTS
Boat Type	Bay Boat
Boat Material	Fiberglass
Length (ft)	22.6
Beam (ft)	8.6
Fuel Tank Capacity (gal)	58
Steering Type	Hydraulic Steering
Dry Boat Weight (lbs)	2,175

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.9	0.8	3.5	200
1000	4.7	1.5	3.2	188
1500	6.7	2.4	2.8	164
2000	8.1	3.7	2.2	127
2500	14.4	4.7	3.1	177
3000	23.3	5.6	4.2	242
3500	30	7.2	4.2	243
4000	36.3	9.1	4	230
4500	42	11.4	3.7	214
5000	46.6	16.1	2.9	168
5500	53.1	20.4	2.6	151
6000	58.5	23.4	2.5	144

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