BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
56.2 mph/6309 rpm

Acceleration
0 - 20 mph (seconds)
5.57

Acceleration
0 - 30 mph (seconds)
7.94



Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
December 7, 2021	45	Calm	7	Brackish

ENGINE

Number of Engines	1
Engine	300R
Horsepower	300
Cylinders	8
Drive or gear model and ratio	HD Straight 1.85
Engine Height (in)	6
Engine Setback (in)	46
Engine Length (in)	25

PROPELLER

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

BOAT

Boat Brand	Pair Customs
Boat Model	21 DV
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	21
Beam (ft)	8.5
Fuel Tank Capacity (gal)	80
Steering Type	Power Steering
Dry Boat Weight (lbs)	3,100

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.8	0.8	2.2	175
1000	3	1.5	1.9	153
1500	7.2	2.7	2.7	213
2000	8.6	4.4	1.9	155
2500	12.6	5.9	2.1	171
3000	19.6	6.9	2.8	227
3500	30.8	8.8	3.5	280
4000	35.8	10.9	3.3	261
4500	39.8	13.1	3	243
5000	45.4	19	2.4	190
5500	49.9	23.6	2.1	169
6000	54.9	29.9	1.8	146

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