BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
68.4 mph/6310 rpm

Acceleration
0 - 20 mph (seconds)
2.81

Acceleration
0 - 30 mph (seconds)
4.21



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
April 27, 2020	59	744	Calm	8	Freshwater

ENGINE

Number of Engines	2
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Camber 1.60
Engine Height (in)	0.8, 0.8
Engine Setback (in)	13.5, 13.5
Engine Length (in)	20, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	20.0, 20.0
Number of Blades	4

BOAT

Boat Brand	Bennington
Boat Model	Q30
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	31.3
Beam (ft)	10
Fuel Tank Capacity (gal)	83
Steering Type	Joystick
Dry Boat Weight (lbs)	5,423

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.8	1.6	2.5	205
1000	6.6	3.7	1.8	148
1500	10.3	6.3	1.6	134
2000	17.2	9.3	1.8	152
2500	23.2	12	1.9	160
3000	27.8	16.2	1.7	142
3500	35.4	22.1	1.6	133
4000	42.9	27	1.6	132
4500	48.1	34.6	1.4	115
5000	54.1	47.7	1.1	94
5500	59.8	62.4	1	79
6000	65.1	85.9	0.8	62
6400	68.3	89.7	0.8	63

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