BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
64.5 mph/6428 rpm

Acceleration
0 - 20 mph (seconds)
3.44

Acceleration
0 - 30 mph (seconds)
5.24



Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
May 13, 2020	62	856	Calm	10	Freshwater

ENGINE

Number of Engines	1
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Straight 1.60
Engine Height (in)	1
Engine Setback (in)	12.25
Engine Length (in)	20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	18.5
Number of Blades	4

BOAT

Boat Brand	Berkshire
Boat Model	23RFXSTS ARCH 3.0+
Boat Type	Pontoon
Boat Material	Aluminum
Length (ft)	24.6
Beam (ft)	8.6
Fuel Tank Capacity (gal)	47
Steering Type	Power Steering
Dry Boat Weight (lbs)	2,550

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	1.9	0.8	2.4	111
1000	5.1	1.9	2.7	127
1500	7.4	3.3	2.2	104
2000	12.8	4.9	2.6	122
2500	17.6	6.5	2.7	126
3000	21	9	2.3	109
3500	26.3	11.4	2.3	108
4000	32.4	14.3	2.3	106
4500	38.6	19.5	2	93
5000	47.1	26.1	1.8	85
5500	54	29.9	1.8	84
6000	59.9	40.6	1.5	69
6400	64.1	47	1.4	64

