BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
52.3 mph/6255 rpm

Acceleration
0 - 20 mph (seconds)
5.37

Acceleration
0 - 30 mph (seconds)
8.7

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 22, 2023	69	Choppy	10	Saltwater

ENGINE

Number of Engines	3
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	1.2, 1.2, 1.2
Engine Setback (in)	11.6, 11.6, 11.6
Engine Length (in)	30, 30, 30

PROPELLER

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

BOAT

Boat Brand	Back Cove
Boat Model	390
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	39.1
Beam (ft)	13.4
Fuel Tank Capacity (gal)	500
Steering Type	Electric Steering
Dry Boat Weight (lbs)	31,000

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.3	2.8	1.2	587
1000	6.3	5.1	1.2	617
1500	8.9	8.4	1.1	525
2000	11	14.2	0.8	388
2500	13.6	17.5	0.8	387
3000	18.2	23.4	0.8	387
3500	25.4	32	0.8	397
4000	31.7	38.3	0.8	414
4500	37.2	52.5	0.7	353
5000	40.3	63.6	0.6	316
5500	44.9	80.8	0.6	277
6000	50.9	100.4	0.5	253
6255	52.3	128.5	0.5	245

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