BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

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

Acceleration
0 - 20 mph (seconds)
4.8

Acceleration
0 - 30 mph (seconds)
7.89

MERCURY
GO BOLDLY.®

Test Date	Air Temperature (˚F)	Elevation (ft)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
October 25, 2022	80	75	Calm	5	Freshwater

ENGINE

Number of Engines	1
Engine	Verado
Horsepower	400
Cylinders	10
Drive or gear model and ratio	V10 AMS 2.08
Engine Height (in)	2
Engine Setback (in)	24
Engine Length (in)	30

PROPELLER

Mercury Name	Revolution X
Material	Stainless Steel
Pitch	20.5
Number of Blades	4

BOAT

Boat Brand	Boston Whaler
Boat Model	280 Dauntless
Boat Type	Center Console
Boat Material	Fiberglass
Length (ft)	27.9
Beam (ft)	9
Fuel Tank Capacity (gal)	160
Steering Type	Power Steering
Dry Boat Weight (lbs)	5,495

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.5	1	2.6	413
1000	5.3	1.7	3.2	508
1500	7.5	2.7	2.8	444
2000	9	4.4	2	325
2500	11.1	5.8	1.9	308
3000	14.2	7.6	1.9	299
3500	18.5	9.5	1.9	309
4000	30.4	11.9	2.5	407
4500	35.3	15.8	2.2	357
5000	39.4	21.2	1.9	297
5500	43.8	26.5	1.7	264
6000	48.3	31.1	1.6	248
6309	50.4	33	1.5	244

