

BOAT HOUSE BULLETIN®



A Factual Report from Mercury Marine

TEST CONDITIONS

Test Date	4/16/2019
Test Conductor	PTrapp
Test Location	Tellico Lake, Vonore, TN
Air Temperature (degrees F)	73
Elevation (ft)	860.0
Sea State (calm / smooth / slight / moderate)	Slight
Wind Velocity range (mph)	7.0
Fresh/Salt Water	Fresh water
Boat Weight as Tested (lbs)	4681.0
Fuel Level at Testing (gal)	52.0

English
Units

ENGINE SPECIFICATIONS

Number of Engines	1
Engine	150 4s Outboard
Horsepower	150
Cylinders	4
Full Throttle RPM	5000-5800
Drive or gear model and ratio	1.92:1
Hole	2
Height	
Setback	0
Length (inches)	25 (XL)

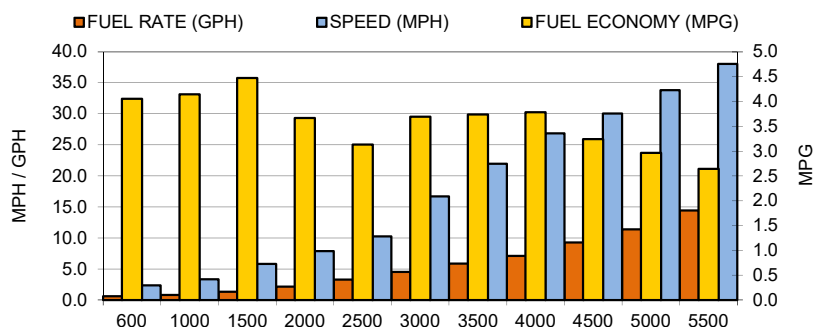
PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	38.7	5,762
Acceleration 0 - 20 mph (seconds)	7.01	
Acceleration 0 - 30 mph (seconds)	11.24	
Best Fuel Econ Off Idle (mpg @ rpm)	4.5	1500

PROPELLER SPECIFICATIONS

Mercury Name / Part Number	Black Max / 78116A45
Material	Aluminum
Diameter/Pitch	15.5 / 15
Number of Blades	3
Hub Type	Flo Torq II

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL RATE	FUEL ECONOMY	RANGE
RANGE	(MPH)	(GPH)	(MPG)	(MI)
600	2.4	0.6	4.1	223.2
1000	3.4	0.8	4.1	228.0
1500	5.8	1.3	4.5	246.1
2000	7.9	2.1	3.7	201.9
2500	10.3	3.3	3.1	172.4
3000	16.7	4.5	3.7	203.0
3500	22.0	5.9	3.7	205.7
4000	26.9	7.1	3.8	208.2
4500	30.1	9.3	3.2	178.2
5000	33.9	11.4	3.0	163.2
5500	38.1	14.4	2.6	145.3
5800	38.6	14.1	2.7	150.6

BOAT SPECIFICATIONS

Region/s sold	International
Manufacturer	Bayliner
Website	https://bayliner.com
Boat Model	DX2200
Boat Type	Deckboat
HIN Tested (if available)	US-BLBN1789A919
Material	Fiberglass
Length (ft)	21' 7.44"
Beam (ft)	8' 7.16"
Max hp Capacity	250
Fuel Tank Capacity (g)	55.0
Steering Type	Hydraulic
Dry Boat Weight (lb)	4189.0

