

A Factual Report from Mercury Marine



TEST CONDITIONS

Test Date	September 10, 2014
Test Conductors	X.D'Cruz / M.Besigk
Boat Weight as Tested (Kg) [Pounds]	(5000 Kg) [11.000 Lbs]
Air Temperature (Fahrenheit) [C]	(89.6 F) [32 C]
Elevation (feet)	0
Wind Velocity (MPH)	0-3
Fresh/Salt Water	Saltwater
Fuel Level at Testing (gallons)	150 L Fuel / 120 L Water
Country	INDONESIA

ENGINE SPECIFICATIONS

Engine	2.8 L QSD MCM
Horsepower	Dual 220 Hp
Cylinders	6
Gear Ratio	2.1 : 1
Model Number	2.8 L

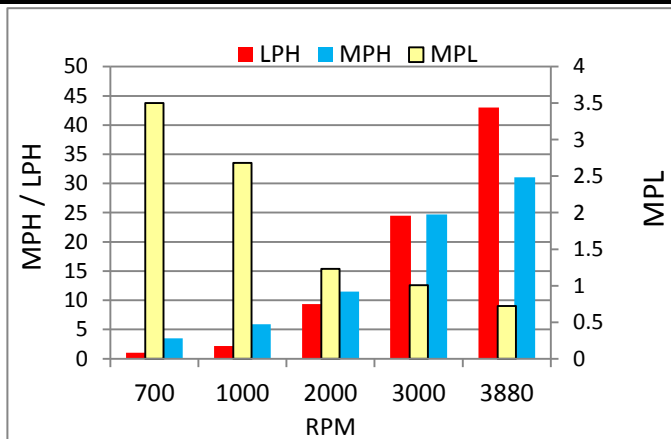
BOAT SPECIFICATIONS

Manufacturer	PT Fibrite Fibreglass
Website	x
Boat Model	12 Meters Fisheries Patrol Boat
Bottom Style/Paint	V-Hull
Material	Fiberglass
Length (feet) [m]	(40 Ft) [12m]
Beam (feet) [m]	(10.5 Ft) [3.2m]
Transom Height (inches)	X Dimension + 1 Inch
Transom Angle (degrees)	14
Deadrise Angle (degrees)	21
Max HP Capacity	x
Fuel Tank Capacity (gallons) [Liters]	(225 Gl) [851 L]
Steering Type	Hydraulic
Dry Boat Weight (pounds) [T]	(8377 lbs) (3.8 T)

PERFORMANCE SUMMARY

Top Speed (MPH) [Knts]	(31 Mph) [27 Knts]
Acceleration 0 - 20 MPH (seconds)	12
0 - WOT (seconds)	20

PERFORMANCE CURVE



PERFORMANCE DATA

RPM	SPEED	FUEL	FUEL
RANGE	MPH	LPH	MPL
700	3.5	1	3.5
1000	5.9	2	2.7
2000	11.5	9.3	1.2
3000	24.7	24.5	1.0
3880	31	43	0.7

PROPELLER SPECIFICATIONS

Model	Bravo II
Mfg. Name	Mercury
Diameter/Pitch	18 1/4 X 19 Inches
Number of Blades	3
Material	Stainless Steel

