



Performance Bulletin



BOAT MANUFACTURER:

GRAND

BOAT MODEL:

G420

OUTBOARD:

F50HETL

TEST DATE:

9/6/2023

Grand Inflatable Boats
Ukraine
grandboats.com

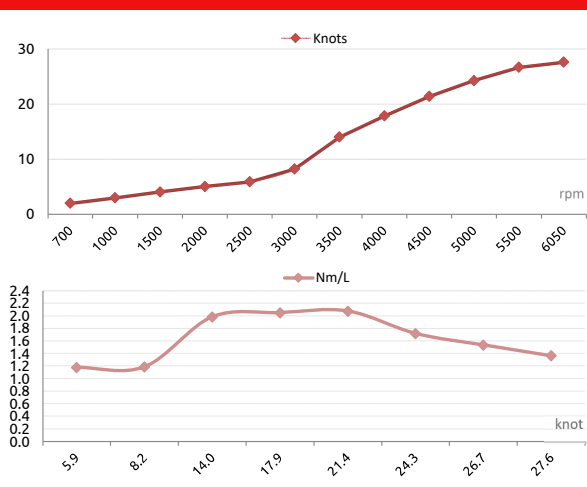


PERFORMANCE DATA

RPM	Knots	L/Nm	Nm/L
700	2.0	0.6	1.7
1000	3.0	0.6	1.8
1500	4.1	0.6	1.8
2000	5.1	0.7	1.4
2500	5.9	0.8	1.2
3000	8.2	0.8	1.2
3500	14.0	0.5	2.0
4000	17.9	0.5	2.1
4500	21.4	0.5	2.1
5000	24.3	0.6	1.7
5500	26.7	0.7	1.5
6050	28	0.7	1.4

Acceleration time in seconds:

0-20kn	7.4 s
0-30kn	8.5 s



GRAND G420

Length	4.20	M
Beam	2.00	M
Dry Weight	250	Kg
Max HP	60	HP
Fuel Capacity	55	L
Weight as Tested (approx.)	607	Kg

F50HETL

Horsepower	50 Hp	37	Kw
Type & Displacement	EFI	996	cc
Configuration	4 In-line, 8-valve SOHC		
Weight	114	Kg	
Gear Ratio	1.85		
Mounting Position	/ #3		

PROPELLER

Series	Aluminium		
Diameter / Pitch	11 3/8	x	12
Partnumber	69W-45952-00-00		

TEST CONDITIONS

Crew	2	prs.
Air Temperature	19	°C
Wind Speed	2	m/s
Fuel	55	L
Type of water and temperature	Salt Water	15 °C

TEST PERFORMANCE SUMMARY

Max Average Speed	28	kn
Best Cruising Nm/L	2.1	Nm/L
Range (95% fuel capacity & best Nm/L)	109	Nm

Comment: Tested weight includes full tank of fuel, 1 battery, safety and test gear

Notice to Consumer: The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.