

Performance Bulletin

100hp / Grand G580LF



ENGINE

Horsepower	100 hp	73.5 kw
Type & Displacement	EFI	1832 cc
Configuration	4/in-line, 8-valve, SOHC	
Weight	167.0 kg	
Gear Ratio	2.15	
Mounting Hole Position	18 mm	# 2

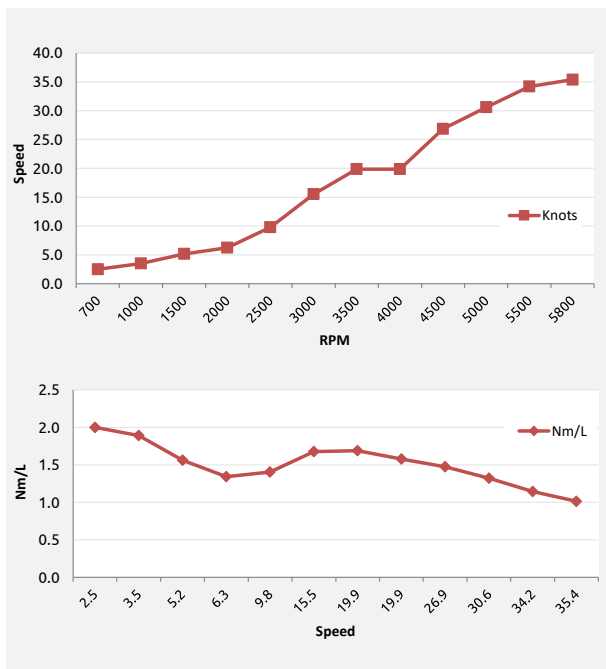
PROPELLER

Series	Aluminium Talon GP	
Diameter / Pitch	13 1/8	x 17
Part No.	6FP-45947-00	



BOAT SPECIFICATIONS

Length	5.85 m
Beam	2.45 m
Dry Weight	650 kg
Max HP	130 hp
Fuel Capacity	91 l
Weight as Tested (approx.)	940 kg



TEST PERFORMANCE SUMMARY

Max Average Speed	35 kn
Best Cruising Nm/L	1.7 nm/l
Range (95% fuel capacity & best Nm/L)	146 nm
Acceleration time	4.9 sec 0 - 20 kn
	8.9 sec 0 - 30 kn

PERFORMANCE DATA

RPM	700	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	5800
Knots	2.5	3.5	5.2	6.3	9.8	15.5	19.9	19.9	26.9	30.6	34.2	35.4
L/h	0.5	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.7	0.8	0.9	1.0
Nm/L	2.0	1.9	1.6	1.3	1.4	1.7	1.7	1.6	1.5	1.3	1.1	1.0

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED

TEST CONDITIONS: Air Temp. 10 Water Temp. 10 Wind Velocity 5 m/s Type of water: Salt



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. © 2016 Yamaha Motor Europe NV. All rights reserved.