

Performance Bulletin

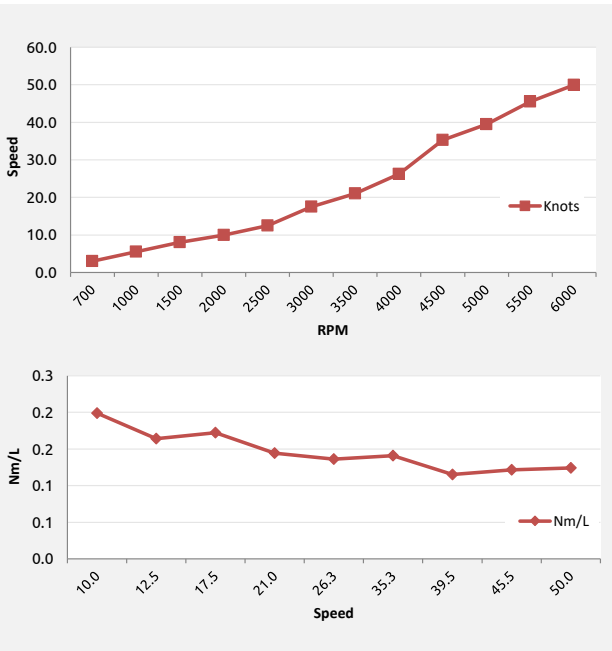
Triple XTO 425hp V8 / Scanner Envoy 1400



ENGINE		
Horsepower	425 hp	312.5 kw
Type & Displacement	DI	5559 cc
Configuration	V8 (60°), 32-valve, DOHC with VCT	
Weight	446.0 kg	
Gear Ratio	1.79	
Mounting Hole Position	mm	#4/1/4
PROPELLER		
Series	XTO	
Diameter / Pitch	16 3/8	x 21
Part No.	6GR-45976-10-00	



BOAT SPECIFICATIONS	
Length	14.00 m
Beam	4.00 m
Dry Weight	8500 kg
Max HP	1275 hp
Fuel Capacity	1050 l
Weight as Tested (approx.)	9173 kg



TEST PERFORMANCE SUMMARY		
Max Average Speed	50 kn	
Best Cruising Nm/L	0.2 nm/l	
Range (95% fuel capacity & best Nm/L)	172 nm	
Acceleration time	11.0 sec	0-25kn
	10.4 sec	0-35kn

Comment: Tested weight includes 3/4 tank of fuel, 5 battery, safety and test gear

PERFORMANCE DATA												
RPM	700	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
Knots	3.0	5.5	8.0	10.0	12.5	17.5	21.0	26.3	35.3	39.5	45.5	50.0
L/h	4.0	3.8	3.9	5.0	6.1	5.8	6.9	7.4	7.1	8.7	8.2	8.1
Nm/L	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED

TEST CONDITIONS: Air Temp. 28 Water Temp. 19 Wind Velocity 1 m/s Type of water: Fresh



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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.