



Yamaha Performance Bulletin

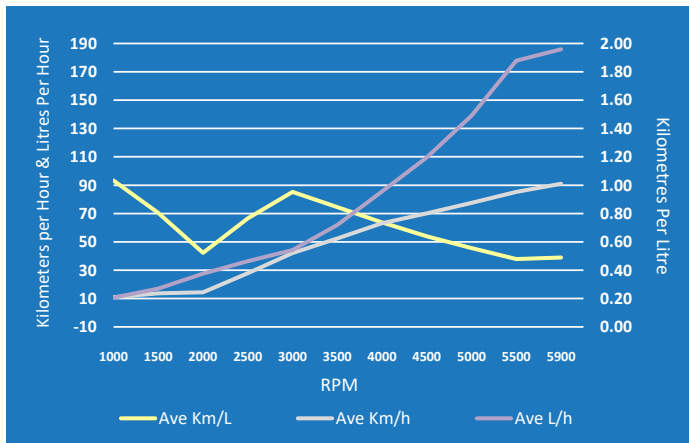
7800 Halo AMM - Powered by Yamaha Twin F250

Performance Summary		Test Date: 16 Dec 2021
Max. Ave Speed		91 Km/h or 49.049 Knots
Best Cruising Km/L		0.95 Km/L @ 3000 RPM
Range based on 95% Fuel Capacity at Best Km/L		496 Kilometres
0 - 40 Km/h		4.06 Seconds (25.99m)



Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	11.00	10.65	1.03
1500	13.70	17.05	0.80
2000	14.40	27.55	0.52
2500	27.90	36.40	0.77
3000	42.20	44.30	0.95
3500	52.40	61.95	0.85
4000	63.15	85.55	0.74
4500	70.10	109.55	0.64
5000	77.50	139.20	0.56
5500	85.20	177.90	0.48
5900	91.00	185.90	0.49



Boat Specifications

Length (LOA)	7.8 m
Width (Beam)	2.4 m
Dry Weight	2224 kg
Max HP	500 hp
Fuel Capacity	550 L
Weight as Tested (approx)	3520 kg

Outboard Specifications

Model	F250XSB2 / LF250XSB2
Displacement	4169 cc
Engine Type	24 Valve DOHC with VCT V6
Weight	288 kg
Gear Ratio	1.75:1 (21/12)
Mounting Height	2nd Hole

Prop Specifications

Series	SWS SDS
Diameter / Pitch	15 1/4 x 19"
Part Number	6CE-45970-20

Test Conditions

Crew	3
Air Temperatures	26 °C
Wind Speed	<10k Knots
Fuel	400 L
Conditions	Overcast

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 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. 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.