

# YANMAR

## POWER PROFILE

<b>Application:</b>	<b>Commercial - Passenger Ferry</b>
<b>Vessel Construction:</b>	<b>Plate Aluminium Incat Crowther Design</b>
<b>Vessel Name:</b>	<b>B117 – CARIBE IV</b>
<b>Vessel Owner:</b>	<b>Barcos Caribe - Mexico</b>
<b>Length (LWL / LOA):</b>	<b>30 meters ( LOA )</b>
<b>Weight:</b>	<b>105 T Heavy Ship</b>
<b>Engine:</b>	<b>2 X 6AYEM-GT</b>
<b>Engine Power Rating:</b>	<b>737kW (1002mhp) @ 2000 RPM</b>
<b>Drive configuration:</b>	<b>Shaft Drive with Fixed Pitch Propellers x 2</b>
<b>Gear Ratio and Model:</b>	<b>2.27:1 - Yanmar YXH 240-7</b>
<b>Electronic Control Type:</b>	<b>Yanmar Electronic 3 Stations (VC10)</b>
<b>Cruise Speed/Fuel Consumption</b>	<b>21.4 kts – 145 LPH (per engine)</b>
<b>Top Speed:</b>	<b>26.8 kts @ 2020 RPM</b>
<b>Propeller Size:</b>	<b>2 x 38 1/3 x 42 x 5 blade Nakashima</b>
<b>Technician Name:</b>	<b>Nick Lee, Brad Williams</b>
<b>Date of Operational check:</b>	<b>17<sup>th</sup> November 2016</b>
<b>Sold by:</b>	<b>Power Equipment QLD</b>
<b>New Installation Completed By:</b>	<b>Aluminium Marine</b>

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### **Comments:**

*Engine Operational Check # QLD 60 Refers  
New Installation by Aluminium Marine in Queensland  
Common Rail 6AYEM-GT engines and electric shift YXH240-7 transmissions  
Yanmar Electronic Controls: Main helm, PRT and STBD wing stations  
Electronic engine room instrumentation*

Disclaimer: Power Equipment provides this Performance Report for general information only. This data is accurate only as to the exact date, time and specifications set out in this Report. YANMAR makes no warranties as to the performance or fuel consumption of any boat equipped with a Yanmar engine as numerous factors affect actual performance of an engine.