

Performance Bulletin

Test Date: 24th January 2018



F300

CRUISE CRAFT EXPLORER 720 HT

Length (LOA)	7.20M
Beam	2.5M
Dry Weight	1750KGS
Max Hp	300HP
Fuel Capacity	310L
Weight as Tested (approximate)	2554KGS

F300 XCA

Displacement	4.2L
Engine Type	24-Valve DOHC, 4.2L V6
Weight	260kg
Gear Ratio	1.75 (21/12)
Mounting Height	# 2 Hole

PROPELLER

Series	Saltwater II w/SDS
Diameter/ Pitch	15¼ x 18
Part Number	6CE-45934-20

TEST CONDITIONS

Crew	2
Air Temperature	24.6°C
Wind Speed	<6 Knots
Fuel	50L
Conditions	Light Chop

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	9.05	4.75	1.91
1500	12.45	8.55	1.46
2000	15.70	14.00	1.12
2500	24.90	20.35	1.22
3000	37.35	24.60	1.52
3500	47.35	32.25	1.47
4000	56.10	45.35	1.24
4500	64.95	61.40	1.06
5000	71.75	74.20	0.97
5500	79.10	90.20	0.88
5900	82.80	99.40	0.83



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
cruisecraft.com.au

TEST PERFORMANCE SUMMARY

Max Ave Speed	82.80Km/h or 44.63Knots
Best Cruising Km/L	1.52Km/L @ 3000rpm
Range, Based on 95% Fuel Capacity at Best Km/L	447 Kilometres
0 - 40 Km/h	5.19 Seconds (31.16M)

Data may vary due to changes in weather, tides, boat load, hull & propeller conditions, temperature, atmospheric pressure and wind direction. Fuel data gathered with a non-calibrated Yamaha fuel gauge. Speed data recorded with GPS receiver.
 Yamaha Motor Australia accepts no responsibility for the accuracy of these readings.
 All test data is recorded with the engine fully trimmed in (-4), until 5500 RPM, where possible.