

Performance Bulletin

Test Date: 17th November 2017



CRUISE CRAFT EX 685 HT

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

F150 XCA

Displacement	2.8L
Engine Type	16-Valve DOHC, In-Line 4
Weight	227kg
Gear Ratio	2.00 (28/14)
Mounting Height	# 4 Hole

PROPELLER

Series	Reliance SST w/SDS
Diameter/ Pitch	14¼x 18"
Part Number	68G / 68F-45978-20

TEST CONDITIONS

Crew	3
Air Temperature	24.3°C
Wind Speed	<8 Knots
Fuel	50L
Conditions	Light Chop

Performance Data

RPM	Ave Km/h	Ave L/h	Ave Km/L
1000	8.05	6.20	1.30
1500	11.30	10.10	1.12
2000	13.55	17.00	0.80
2500	18.75	23.20	0.81
3000	31.25	29.00	1.08
3500	41.70	37.10	1.12
4000	50.70	46.70	1.09
4500	58.70	60.95	0.96
5000	65.95	78.35	0.84
5500	72.95	99.95	0.73
5900	79.10	117.20	0.67



Test Performed by certified Yamaha Technicians

Boat Manufactured by:
www.cruisecraft.com.au

TEST PERFORMANCE SUMMARY

Max Ave Speed	79.10Km/h or 42.63Knots
Best Cruising Km/L	1.12Km/L @ 3500rpm
Range, Based on 95% Fuel Capacity at Best Km/L	331 Kilometres
0 - 40 Km/h	7.24 Seconds (47.06M)

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.