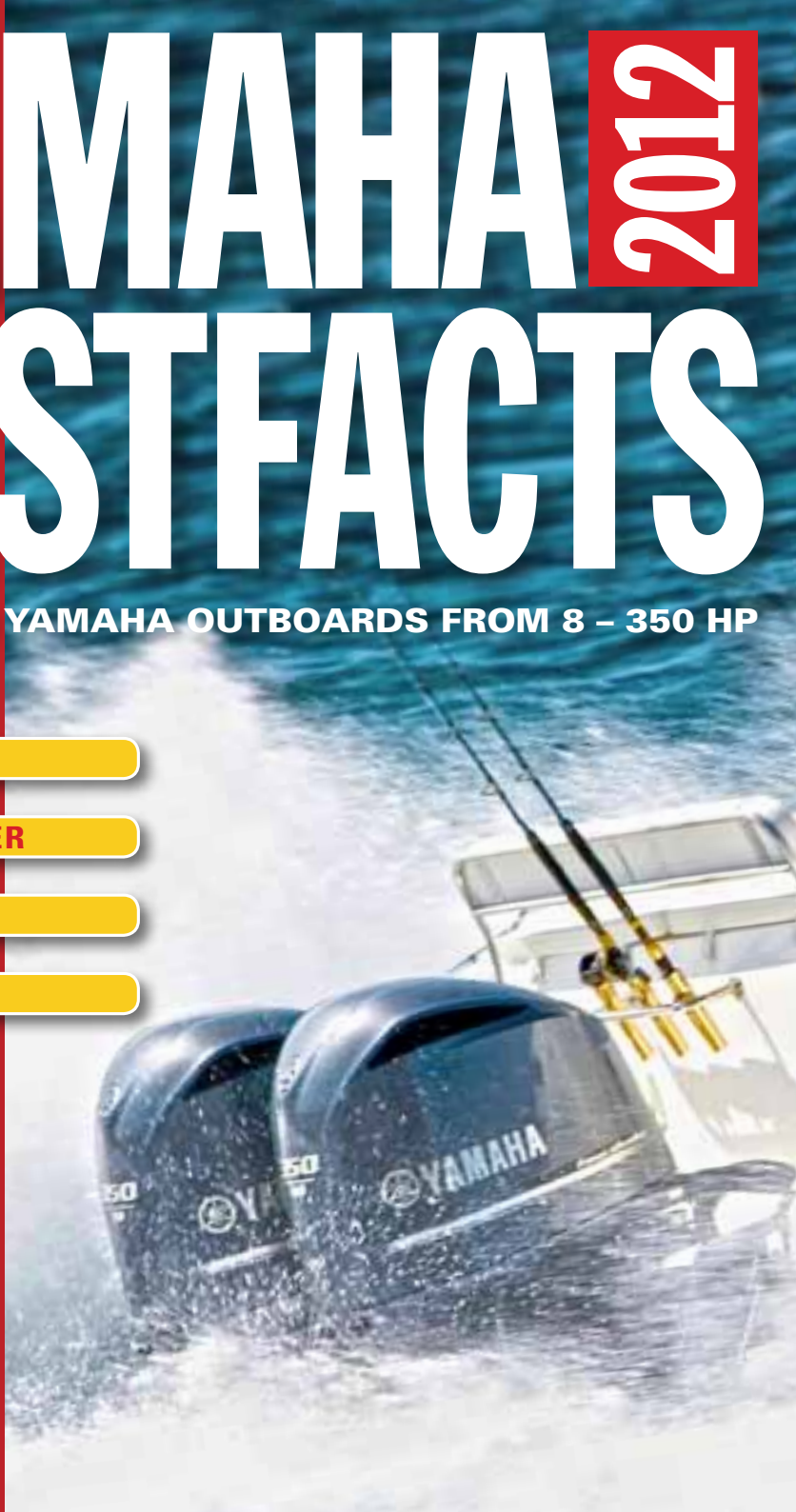
YAMAHA TESTFACTS 2012

TESTS WITH YAMAHA OUTBOARDS FROM 8 – 350 HP

- BUSTER
- FINNMASTER
- PIONER
- YAMARIN

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YAMAHA TEST FACTS 2012

Tests with Yamaha outboards from 8 – 350 hp

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More information and test results: www.yamaha-motor-scandinavia.com

YAMAHA

Yamaha Motor Scandinavia AB, Box 24, SE-123 21 Farsta, Sweden.

How to read our test results

1. All boats have been tested with loads of 1, 2, 3 and more persons.

2. All boats have been tested at different rpm. Beginning first at the highest level, we've then reduced the rpm by 500, 1000 and sometimes even 1500. The highest rpm is decided by choice of propeller and in all of our tests we've used a propeller size that produces the highest rpm possible (within the motor's recommended rpm range).

3. Speed is designated in knots. If a boat travels at 30 knots that means that it can travel 30 nautical miles in one hour (one nautical mile = 1852 meters).

4. Fuel consumption is measured in liters per hour and in liters per nautical mile.

5. A tested motor's effect is measured in horsepower. The letters before each horsepower figure designate motor type. F= four stroke engine.
The letters after each horsepower figure the generation of the engine, type of start- and steering and the shaft length.

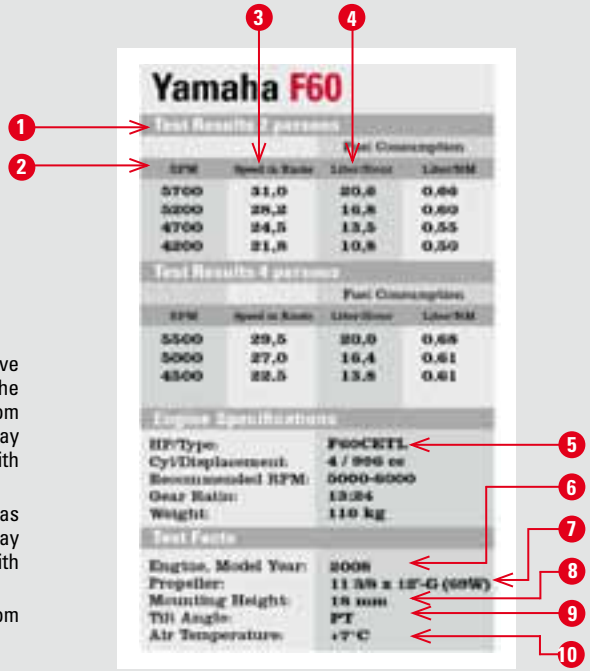
6. Model year of the motor tested.

7. The propellers size recommended for the tested boat. The first figure stands for the propellers diameter as measured from the blade's tip.
The second figure is for the pitch.
The propeller's size can be found imprinted either in the hub or on one of the blades. The designation (SS) stand for stainless steel propellers.

8. The height of the transom varies between different types of boats. Under "Mounting Position" we've indicated how many millimetres we've raised the engine above the transom. Larger motors equipped with "Power Trim and Tilt" (=PT) we've risen in different holes. Here is 18 mm = 1 hole, 36 mm = 2 holes and 54 mm = 3 holes.

9. On smaller motors the tilting is adjusted with a peg. The number 2 means that we have mounted the peg in the second hole counting from the stern. The numbers 2-3 means that a boat with a heavy load (3-4 people) runs best with the peg in the second hole and with a lighter load (1-2 people) with the peg in the third hole.

10. Air temp and test location.
Zon 0 = lake (sweet water),
Zon 1 = Baltic Sea,
Zon 2 = Swedish south coast,
Zon 3 = Swedish westcoast (saltwater).



Yamaha Flexible Rigging

- Flexible Rigging makes it possible to have the accessories you personally prefer. The accessories are ordered separately from the engine and some combinations may mean a additional charge compared with a standard setup of accessories.
- Some boats in Yamaha Test facts has been tested with a propeller that may mean an additional charge compared with a standard propeller.
- Yamaha Flexible Rigging applies from F30B to F350A

Buster XS

BUSTER XS: LENGTH: 4,15 M. BEAM: 1,67 M. WEIGHT: 160 KG. 6 -15 HP. TRANSOM HEIGHT: SHORT
BUSTER XSR: LENGTH: 4,15 M. BEAM: 1,67 M. WEIGHT: 160 KG. 6 -20 HP. TRANSOM HEIGHT: LONG

Yamaha F9,9

Test Results 1 person

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	18,3	4,0	0,22
5500	16,2	3,4	0,21
5000	14,2	2,6	0,18

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	16,5	3,8	0,23
5300	14,4	3,2	0,22
4800	12,5	2,4	0,19

Engine Specifications

HP/Type:	F9,9FMHS
Cyl/Displacement:	2 / 212 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08.1
Weight:	41 kg

Test Facts

Engine, Model Year:	2008
Propeller:	8 1/2 x 9 1/4-N
Mounting Height:	0 mm
Tilt Angle:	1
Air Temperature:	+ 3° C (Zon 3)

Yamaha F15

Test Results 1 person

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5400	21,4	5,4	0,25
4900	19,0	4,2	0,22
4400	16,2	3,4	0,21

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5300	18,0	5,2	0,29
4800	15,7	3,9	0,25
4300	13,0	3,2	0,25

Engine Specifications

HP/Type:	F15CMHS
Cyl/Displacement:	2 / 362 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08:1
Weight:	54 kg

Test Facts

Engine, Model Year:	2008
Propeller:	9 1/4 x 10"-J
Mounting Height:	0 mm
Tilt Angle:	2
Air Temperature:	+ 3° C (Zon 3)

Buster Scc

LENGTH: 4,58 M. BEAM: 1,88 M. WEIGHT: 260 KG. HORSEPOWER: 20-30 HP.

Yamaha F25

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	23,5	10,4	0,44
5300	21,0	7,2	0,34
4800	17,0	6,2	0,36

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5400	21,0	10,2	0,49
4900	18,2	7,0	0,38
4400	15,0	6,2	0,41

Engine Specifications

HP/Type:	F25AETL
Cyl/Displacement:	2 / 498 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08:1
Weight:	71 kg

Test Facts

Engine, Model Year:	2001
Propeller:	9 7/8 x 11 1/4"-F
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C

Yamaha F30

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5300	25,0	11,2	0,45
4800	22,3	8,6	0,39
4300	18,8	6,8	0,36

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5200	23,5	11,0	0,47
4700	20,8	8,3	0,40
4200	17,5	7,5	0,43

Engine Specifications

HP/Type:	F30BETL
Cyl/Displacement:	3 / 747 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	90 kg

Test Facts

Engine, Model Year:	2011
Propeller:	11 3/8 x 12"-G (663)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*Propeller type: 663 (=additional charge)

Buster M / Buster L

BUSTER M: LENGTH: 4,60 M. BEAM: 1,82 M. WEIGHT: 265 KG. HORSEPOWER: 30-40 HP.
BUSTER L: LENGTH: 5,04 M. BEAM: 1,98 M. WEIGHT: 362 KG. HORSEPOWER: 40-50 HP.

Yamaha F40

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	29,5	14,8	0,50
5200	26,8	11,2	0,42
4700	24,4	9,0	0,37
4200	21,2	7,6	0,36

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	26,5	14,2	0,54
5000	24,0	11,0	0,46
4500	21,8	7,6	0,35

Engine Specifications

HP/Type:	F40FETL
Cyl/Displacement:	3 / 747 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	90 kg

Test Facts

Engine, Model Year:	2009
Propeller:	11 1/8 x 13"-G
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+3° C

Yamaha F50

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	28,8	17,4	0,60
5100	26,0	13,6	0,52
4600	23,0	10,4	0,45
4100	20,5	8,0	0,39

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	27,2	17,0	0,63
5000	24,0	13,3	0,55
4500	20,5	10,2	0,50
4000	18,0	7,8	0,43

Engine Specifications

HP/Type:	F50FETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2009
Propeller:	11 3/8 x 12"-G (663)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 6°C

*Propeller type: 663 (=additional charge)

Buster Lx / Buster Lx Pro

BUSTER LX: LENGTH: 5,04 M. BEAM: 1,98 M. WEIGHT: 410 KG. HORSEPOWER: 40-60 HP.
BUSTER LX PRO: LENGTH: 5,04 M. BEAM: 1,98 M. WEIGHT: 440 KG. HORSEPOWER: 40-70 HP.

Yamaha F60

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	30,4	19,4	0,64
5300	27,3	15,2	0,56
4800	24,8	12,4	0,50
4300	21,8	9,4	0,43

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	29,2	19,0	0,65
5200	25,0	14,5	0,58
4700	22,5	12,2	0,54

Engine Specifications

HP/Type:	F60CETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2011
Propeller:	11 1/8 x 13"-G (69W)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15° C (Zon 3)

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	32,2	22,8	0,71
6000	30,0	20,4	0,68
5500	27,4	17,0	0,62
5000	24,2	13,0	0,54
4500	21,8	10,4	0,48
4000	18,6	8,8	0,47
3500	15,0	7,2	0,48

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Buster X

LENGTH: 5,15 M. BEAM: 2,06 M. WEIGHT: 480 KG. HORSEPOWER: 50-80 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6300	32,0	23,0	0,72
5800	28,6	19,0	0,66
5300	25,6	14,8	0,58
4800	23,5	11,8	0,50

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6200	30,5	22,5	0,74
5700	27,2	18,5	0,68
5200	24,0	14,0	0,58

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F80

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	34,4	26,5	0,77
5300	31,2	20,8	0,67
4800	28,1	17,6	0,63
4300	25,0	14,4	0,58

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	33,0	26,0	0,79
5200	30,0	20,5	0,68
4700	26,6	17,2	0,65
4200	23,5	14,0	0,60

Engine Specifications

HP/Type:	F80BETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2006
Propeller:	13 x 19"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

Buster XL

LENGTH: 5,94 M. BEAM: 2,15 M. WEIGHT: 560 KG. HORSEPOWER: 60-115 HP.

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	37,2	33,4	0,90
5500	34,0	27,8	0,82
5000	31,4	22,9	0,73
4500	27,2	17,7	0,65

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	36,0	32,5	0,90
5500	33,2	27,5	0,83
5000	30,0	23,2	0,77
4500	25,8	18,0	0,70

Engine Specifications

HP/Type:	F100DETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2011
Propeller:	12 5/8 x 21"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	38,8	37,5	0,97
5400	34,5	28,6	0,83
4900	31,4	23,0	0,73
4400	26,5	17,4	0,66

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	38,0	37,0	0,97
5300	33,5	28,0	0,84
4800	30,3	22,5	0,74
4300	25,0	17,5	0,70

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	190 kg

Test Facts

Engine, Model Year:	2003
Propeller:	13 x 19"-K(SS)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 1)

Buster XXL

LENGTH: 6,35 M. BEAM: 2,40 M. WEIGHT: 850 KG. HORSEPOWER: 90-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	37,8	38,0	1,01
5500	34,4	30,2	0,88
5000	30,2	23,4	0,77
4500	26,6	19,2	0,72
4000	21,7	15,0	0,69
3500	17,6	12,3	0,70
3000	12,6	9,4	0,74

Engine Specifications

HP/Type:	F115AETX
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	190 kg

Test Facts

Engine, Model Year:	2012
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	43,1	60,2	1,40
5600	40,2	49,0	1,22
5100	35,0	38,6	1,10
4600	31,2	31,2	1,00
4100	27,0	24,4	0,90
3600	22,5	17,8	0,79
3100	17,0	15,2	0,89
1200	5,0	2,6	0,52

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2007
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 1)

Buster XXL Cabin

LENGTH: 6,60 M. BEAM: 2,40 M. WEIGHT: 1085 KG. HORSEPOWER: 100-150 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	39,3	59,2	1,51
5200	35,2	45,2	1,28
4700	31,7	34,0	1,07
4200	27,2	27,2	1,00
3700	22,0	21,6	0,98
3200	16,3	15,4	0,94
1400	5,0	4,2	0,84
600	2,7	2,0	0,74

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Buster Magnum

LENGTH: 6,90 M. BEAM: 2,40 M. WEIGHT: 928 KG. HORSEPOWER: 100-225 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	39,8	56,8	1,43
5200	37,5	45,0	1,20
4700	33,5	33,2	0,99
4200	29,5	26,6	0,90
3700	25,0	21,2	0,85
3200	20,0	15,8	0,79
1900	7,0	6,2	0,89

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 1)

Yamaha F225

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	50,5	80,6	1,60
5000	46,0	65,2	1,42
4500	41,5	50,0	1,20
4000	37,0	41,6	1,12
3500	32,5	30,6	0,94
3000	27,0	23,2	0,86
2500	20,7	16,4	0,79
1000	5,0	4,8	0,96
600	3,2	2,7	0,84

Engine Specifications

HP/Type:	F225FETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,73:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 x 21"-M(SS) *
Mounting Height:	54 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater II SDS

Buster Magnum PRO

LENGTH: 7,10 M. BEAM: 2,40 M. WEIGHT: 1045 KG. HORSEPOWER: 115-250 HP.

Yamaha F225B

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	45,5	78,0	1,71
5500	41,0	63,4	1,55
5000	38,5	49,0	1,27
4500	36,0	41,0	1,14
4000	31,2	30,4	0,97
3500	27,5	22,2	0,81
3000	21,7	18,0	0,83

Engine Specifications

HP/Type:	F225BETX
Cyl/Displacement:	6 / 3352 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	278 kg

Test Facts

Engine, Model Year:	2012
Propeller:	15 x 21"-M (SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

*) Type of propeller: Saltwater II SDS

Yamaha F225F

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	46,2	81,8	1,77
5000	42,0	67,2	1,60
4500	37,5	52,0	1,39
4000	34,4	43,3	1,26
3500	29,3	31,0	1,06
3000	23,8	22,6	0,95
1000	5,0	5,1	1,02

Engine Specifications

HP/Type:	F225FETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,73:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 1/4 x 19"-M(SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater II SDS

Finnmaster 49 CC

LENGTH: 4,85 M. BEAM: 2,00 M. WEIGHT: 420 KG. HORSEPOWER: 40-60 HP.

Yamaha F50

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	29,0	17,0	0,59
5100	25,6	13,6	0,53
4600	22,4	10,5	0,47
4100	19,5	8,0	0,41

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	27,2	16,7	0,61
5000	23,5	13,2	0,56
4500	20,0	10,0	0,50

Engine Specifications

HP/Type:	F50FETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2006
Propeller:	11 3/8 x 12"-G
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15° C

Yamaha F60

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	31,0	21,4	0,69
5400	28,5	16,6	0,58
4900	25,5	14,0	0,55
4400	22,8	11,6	0,51

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	29,5	20,8	0,71
5200	27,0	16,0	0,59
4700	23,8	13,5	0,57
4200	21,0	11,8	0,56

Engine Specifications

HP/Type:	F60AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2004
Propeller:	11 1/8 x 13"-G
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+12° C

Finnmaster 52 SC

LENGTH: 5,20 M. BEAM: 2,00 M WEIGHT: 580 KG. HORSEPOWER: 50-80 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6200	31,5	22,4	0,71
5700	29,0	19,8	0,68
5200	25,8	15,4	0,60
4700	22,3	11,8	0,53

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	30,0	22,2	0,74
5600	27,5	19,2	0,70
5100	24,3	15,0	0,62

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Finnmaster 53 BR

LENGTH: 5,30 M. BEAM: 2,05 M. WEIGHT: 600 KG. HORSEPOWER: 60-100 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	30,7	22,6	0,74
5600	27,8	18,8	0,68
5100	24,7	14,8	0,60
4600	21,7	11,6	0,53

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	29,5	22,0	0,75
5500	26,6	18,4	0,69
5000	23,0	14,5	0,63
4500	19,7	11,6	0,59

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	39,6	32,0	0,81
5500	35,8	26,5	0,74
5000	31,5	21,2	0,67
4500	28,1	17,0	0,60

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	39,0	31,2	0,80
5400	35,2	25,6	0,73
4900	30,5	20,8	0,68
4400	27,2	16,5	0,61

Engine Specifications

HP/Type:	F100AETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	164 kg

Test Facts

Engine, Model Year:	2004
Propeller:	12 5/8 x 21"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Finnmaster 55 SC

LENGTH: 5,50 M. BEAM: 2,25 M. WEIGHT: 650 KG. HORSEPOWER: 60-100 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6300	28,4	23,4	0,82
5800	26,0	19,2	0,74
5300	23,0	15,6	0,68
4800	20,0	12,0	0,60

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	27,0	22,6	0,84
5600	24,5	18,5	0,76
5100	21,4	15,4	0,72
4600	18,2	12,0	0,66

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 5/8 x 14"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	37,0	33,5	0,91
5400	33,8	27,2	0,80
4900	29,4	20,9	0,71
4400	25,2	16,4	0,65

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	36,0	32,8	0,91
5300	32,5	26,5	0,82
4800	28,2	20,0	0,71
4300	23,5	16,2	0,69

Engine Specifications

HP/Type:	F100DETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2011
Propeller:	12 5/8 x 21"-K
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Finnmaster 57 BR

LENGTH: 5,70 M. BEAM: 2,30 M. WEIGHT: 710 KG. HORSEPOWER: 60-115 HP.

Yamaha F80

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	32,2	26,2	0,81
5300	29,0	19,2	0,66
4800	25,5	16,0	0,63
4300	22,0	13,5	0,61

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	31,0	25,4	0,82
5100	27,6	18,8	0,68
4600	24,0	16,0	0,66
4100	20,5	13,5	0,66

Engine Specifications

HP/Type:	F80AETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	164 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 1/4 x 17"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	38,2	39,2	1,03
5400	34,5	28,2	0,82
4900	30,5	23,0	0,75
4400	26,5	18,4	0,69

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	37,0	38,0	1,03
5300	33,2	27,0	0,81
4800	29,0	22,2	0,77
4300	25,5	18,8	0,74

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	186 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Finnmaster 57 WA

LENGTH: 5,70 M. BEAM: 2,30 M. WEIGHT: 850 KG. HORSEPOWER: 60-115 HP.

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	34,5	33,6	0,97
5500	31,0	26,8	0,86
5000	27,2	21,2	0,78
4500	23,4	16,2	0,69

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	33,5	32,0	0,96
5400	29,5	26,4	0,89
4900	25,8	21,5	0,83
4400	21,5	16,8	0,78

Engine Specifications

HP/Type:	F100DETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2006
Propeller:	13 x 19"-K
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15° C

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	37,6	39,5	1,05
5500	34,0	28,8	0,85
5000	30,0	23,8	0,79
4500	26,4	19,2	0,73

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	36,5	38,5	1,05
5400	32,4	27,5	0,85
4900	28,5	23,2	0,81
4400	24,8	19,0	0,77

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	186 kg

Test Facts

Engine, Model Year:	2003
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+5° C

Finnmaster 59 SC

LENGTH: 5,90 M. BEAM: 2,30 M. WEIGHT: 710 KG. HORSEPOWER: 80-115 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	37,0	38,4	1,04
5500	34,0	28,8	0,85
5000	29,7	23,2	0,78
4500	26,3	18,6	0,71

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	35,8	37,8	1,06
5400	32,5	28,0	0,86
4900	28,0	22,5	0,80
4400	24,2	18,8	0,78

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	186 kg

Test Facts

Engine, Model Year:	2009
Propeller:	13 x 19"-K (SS)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+5°C (Zon 3)

Finnmaster 61 CA

LENGTH: 6,00 M. BEAM: 2,30 M. WEIGHT: 890 KG. HORSEPOWER: 80-150 HP.

Yamaha F80

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	29,5	26,0	0,88
5100	26,7	19,5	0,73
4600	22,5	16,0	0,71
4100	18,8	13,2	0,70

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5400	27,5	24,8	0,90
4900	24,5	18,5	0,76
4400	20,0	15,7	0,79
3900	16,5	13,4	0,81

Engine Specifications

HP/Type:	F80AETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	164 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 1/4 x 17"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	34,5	37,4	1,08
5300	31,6	27,8	0,88
4800	28,3	23,3	0,82
4300	24,5	18,8	0,77

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	33,5	37,0	1,10
5200	30,5	27,2	0,89
4700	27,0	22,8	0,84
4200	23,3	18,5	0,79

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	194 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C

Finnmaster 61 HT

LENGTH: 6,00 M. BEAM: 2,30 M. WEIGHT: 880 KG. HORSEPOWER: 80-150 HP.

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	32,0	33,5	1,05
5400	29,0	27,3	0,94
4900	25,5	22,5	0,88
4400	22,0	17,8	0,81

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	31,0	32,2	1,04
5200	27,5	26,6	0,97
4700	23,0	22,0	0,96
4200	20,5	18,0	0,88

Engine Specifications

HP/Type:	F100AETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	164 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 x 19"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	42,3	59,0	1,39
5400	38,6	45,4	1,18
4900	34,5	36,8	1,07
4400	30,5	28,6	0,94

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	41,5	58,5	1,41
5300	37,0	45,0	1,22
4800	33,3	36,5	1,10
4300	29,0	29,0	1,00

Engine Specifications

HP/Type:	F150AETL
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	216 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Finnmaster 62 BR

LENGTH: 6,20 M. BEAM: 2,30 M. WEIGHT: 900 KG. HORSEPOWER: 115-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	37,0	37,4	1,01
5500	33,5	29,8	0,89
5000	30,2	24,6	0,81
4500	26,8	19,8	0,74

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	36,0	37,2	1,03
5200	33,2	29,6	0,89
4700	28,5	24,0	0,84
4200	24,5	20,0	0,82

Engine Specifications

HP/Type:	F115AETX
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	191 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	45,0	55,6	1,24
5100	41,2	46,8	1,14
4600	36,5	34,8	0,95
4100	31,3	27,2	0,87

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	44,0	54,5	1,24
5000	40,0	45,5	1,14
4500	35,3	34,0	0,96
4000	29,0	27,5	0,95

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 21"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

Finnmaster 62 DC

LENGTH: 6,20 M. BEAM: 2,30 M. WEIGHT: 950 KG. HORSEPOWER: 115-150 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	43,6	58,4	1,34
5500	40,2	47,6	1,18
5000	36,5	38,8	1,06
4500	32,8	29,4	0,90
4000	28,0	22,8	0,81
3500	23,2	16,6	0,72
3000	18,0	13,8	0,77

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Finnmaster 66 WA

LENGTH: 6,60 M. BEAM: 2,48 M. WEIGHT: 1100 KG. HORSEPOWER: 115-225 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	38,8	59,6	1,54
5300	34,5	47,8	1,39
4800	31,3	37,0	1,18
4300	26,8	29,4	1,10

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	38,0	59,0	1,55
5200	33,8	47,0	1,39
4700	30,5	36,2	1,17
4200	26,0	29,2	1,12

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2003
Propeller:	13 3/4 x 17"-M(SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C

Yamaha F225

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	45,8	80,4	1,76
5500	41,6	62,0	1,49
5000	38,4	49,8	1,30
4500	34,0	39,6	1,16
4000	29,1	30,2	1,04
3500	23,6	22,6	0,96
1000	5,0	5,4	1,08
600	2,7	2,3	0,85

Engine Specifications

HP/Type:	F225BETX
Cyl/Displacement:	6 / 3352 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	278 kg

Test Facts

Engine, Model Year:	2010
Propeller:	14 7/8 x 21"-M(SS) *
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater I (=additional charge)

Finnmaster 68 DC

LENGTH: 6,80 M. BEAM: 2,48 M. WEIGHT: 1360 KG. HORSEPOWER: 150-250 HP.

Yamaha F225

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	43,3	81,0	1,87
5500	39,0	61,8	1,58
5000	35,2	46,6	1,32
4500	31,0	38,0	1,23
4000	26,4	29,1	1,10
3500	21,8	21,8	1,00
3000	13,7	16,8	1,23

Engine Specifications

HP/Type:	F225BETX
Cyl/Displacement:	6 / 3352 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	278 kg

Test Facts

Engine, Model Year:	2012
Propeller:	15 1/4 x 19"-M (SS) *)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

*) Type of propeller: Saltwater II SDS

Yamaha F250

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	48,0	94,4	1,97
5200	43,6	74,6	1,71
4700	39,3	60,8	1,55
4200	35,2	46,4	1,32
3700	29,6	34,8	1,18
3200	24,3	24,4	1,00
1000	5,0	4,9	0,98

Engine Specifications

HP/Type:	F250DETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,75:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 1/4 x 19"-M (SS)*
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater II SDS

Pioner 11 Sport

LENGTH: 3,32 M. BEAM: 1,62 M. WEIGHT: 125 KG. HORSEPOWER: 8-15 HP.

Yamaha F8

Test Results 1 person

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	16,5	3,6	0,22
5500	14,4	3,2	0,22
5000	10,7	2,6	0,24

Engine Specifications

HP/Type:	F8CMHL
Cyl/Displacement:	2 / 197 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08:1
Weight:	37 kg

Test Facts

Engine, Model Year:	2011
Propeller:	8 1/2 x 7 1/2"-N
Mounting Height:	0 mm
Tilt Angle:	1
Air Temperature:	+15°C (Zon 3)

Yamaha F15

Test Results 1 person

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	20,5	5,6	0,27
5500	16,4	4,3	0,26
5000	14,0	3,8	0,27

Engine Specifications

HP/Type:	F15CMHL
Cyl/Displacement:	2 / 362 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08.1
Weight:	54 kg

Test Facts

Engine, Model Year:	2011
Propeller:	9 1/4 x 9"-J
Mounting Height:	0 mm
Tilt Angle:	1
Air Temperature:	+15°C (Zon 3)

Pioner 15

LENGTH: 4,50 M. BEAM: 1,80 M. WEIGHT: 215 KG. HORSEPOWER: 15-30 HP.

Yamaha F20

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6200	21,0	7,5	0,36
5700	18,0	5,8	0,32
5200	15,2	4,8	0,32
4700	11,2	4,2	0,38

Engine Specifications

HP/Type:	F20BEPL
Cyl/Displacement:	2 / 362 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08:1
Weight:	60 kg

Test Facts

Engine, Model Year:	2011
Propeller:	9 1/4 x 10"-J
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Yamaha F25

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	22,6	9,8	0,44
5500	19,0	7,0	0,37
5000	16,6	5,8	0,35
4500	12,3	5,0	0,41

Engine Specifications

HP/Type:	F25DETL
Cyl/Displacement:	2 / 498 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,08:1
Weight:	82 kg

Test Facts

Engine, Model Year:	2011
Propeller:	9 7/8 x 10 1/2"-F
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Pioner Viking

LENGTH: 4,50 M. BEAM: 1,90 M. WEIGHT: 325 KG. HORSEPOWER: 25-40 HP.

Yamaha F40

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	27,5	16,1	0,59
5500	25,7	12,6	0,49
5000	23,3	9,6	0,41
4500	20,4	7,8	0,38
4000	17,0	5,8	0,34

Engine Specifications

HP/Type:	F40FETL
Cyl/Displacement:	3 / 747 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	90 kg

Test Facts

Engine, Model Year:	2011
Propeller:	11 3/8 x 12"-G (69W)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Pioner 17 Flexi & Touring

LENGTH: 5,20 M. BEAM: 2,15 M. WEIGHT: 450 KG. HORSEPOWER: 50-80 HP.

Yamaha F60

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	30,4	19,8	0,65
5400	28,7	16,6	0,58
4900	25,3	13,0	0,51
4400	22,1	10,0	0,45

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	29,0	19,0	0,66
5200	26,8	15,8	0,59
4700	23,5	12,5	0,53

Engine Specifications

HP/Type:	F60CETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2011
Propeller:	11 1/8 x 13"-G
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6300	32,5	25,2	0,78
6000	30,6	22,6	0,74
5500	27,6	17,2	0,62
5000	24,5	13,6	0,56
4500	21,5	10,4	0,48
4000	17,5	8,2	0,47
4500	13,7	7,2	0,53

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Pioner Multi

LENGTH: 5,05 M. BEAM: 2,03 M. WEIGHT: 420 KG. HORSEPOWER: 60-80 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6300	29,0	24,2	0,83
5800	26,5	19,8	0,75
5300	23,6	15,0	0,64
4800	20,2	12,0	0,59

Test Results 5 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	26,8	21,8	0,81
5600	24,2	18,0	0,74
5100	21,2	14,6	0,69

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 5/8 x 14"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+15°C (Zon 3)

Yamarin 46 SC

LENGTH: 4,57 M. BEAM: 1,93 M. WEIGHT: 400 KG. HORSEPOWER: 40-60 HP.

Yamaha F40

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	27,5	15,2	0,55
5400	25,4	11,8	0,46
4900	21,8	9,2	0,42
4400	18,5	7,6	0,41

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	25,0	14,8	0,59
5100	22,5	11,4	0,51
4600	18,0	9,2	0,51

Engine Specifications

HP/Type:	F40FETL
Cyl/Displacement:	3 / 747 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	90 kg

Test Facts

Engine, Model Year:	2009
Propeller:	11 3/8 x 12"-G (69W)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+5° C (Zon 1)

Yamaha F50

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	29,5	17,5	0,59
5300	27,6	14,2	0,51
4800	24,8	11,4	0,46
4300	21,5	9,0	0,42

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	28,0	16,8	0,60
5000	25,5	13,8	0,54
4500	22,0	11,0	0,50
4000	18,0	9,5	0,53

Engine Specifications

HP/Type:	F50FETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2008
Propeller:	11 3/8 x 12"-G (69W)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+5° C (Zon 1)

Yamarin 50 SC / TC

LENGTH: 4,95 M. BEAM: 2,04 M. WEIGHT: 520 KG. HORSEPOWER: 40-70 HP.

Yamaha F50

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	28,0	17,7	0,63
5200	26,0	14,0	0,54
4700	22,8	11,4	0,50
4200	19,5	9,0	0,46

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	25,5	17,0	0,67
5000	23,0	13,5	0,59
4500	20,5	11,5	0,56
4000	17,5	9,5	0,54

Engine Specifications

HP/Type:	F50FETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2008
Propeller:	11 3/8 x 12"-G (663)*
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 1)

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6200	34,0	22,4	0,66
5700	31,2	19,2	0,62
5200	28,0	15,2	0,54
4700	24,5	11,8	0,48

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	32,5	22,0	0,68
5600	29,8	18,8	0,63
5100	26,5	15,0	0,57
4600	22,5	11,8	0,52

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/4 x 17"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: 663 (=additional charge)

Yamarin 53 BR

LENGTH: 5,19 M. BEAM: 2,20 M. WEIGHT: 600 KG. HORSEPOWER: 60-100 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	30,8	23,0	0,75
5600	27,8	19,8	0,71
5100	24,4	14,8	0,61
4600	21,4	11,6	0,54

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	28,5	22,4	0,79
5500	26,0	19,0	0,73
5000	23,0	14,2	0,62
4500	20,0	11,5	0,58

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	36,6	32,8	0,90
5300	33,0	25,2	0,76
4800	29,5	20,0	0,68
4300	25,2	15,2	0,60

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	36,0	32,0	0,89
5100	32,2	24,5	0,76
4600	28,7	19,8	0,69
4100	23,5	15,5	0,66

Engine Specifications

HP/Type:	F100DETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2006
Propeller:	12 5/8 x 21"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

Yamarin 56 SC / CC

LENGTH: 5,53 M. BEAM: 2,24 M. WEIGHT: 620 KG. HORSEPOWER: 60-100 HP.

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	30,0	22,6	0,75
5600	27,2	19,0	0,70
5100	24,5	15,0	0,61
4600	20,8	11,0	0,53

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	28,0	21,8	0,78
5400	25,2	18,5	0,73
4900	22,5	15,2	0,68

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 1/2 x 15"-K
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamaha F100

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	36,5	33,2	0,91
5400	32,5	26,4	0,81
4900	28,5	21,0	0,74

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	32,5	32,5	1,00
5200	29,6	25,5	0,86
4700	26,0	20,2	0,78

Engine Specifications

HP/Type:	F100DETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	170 kg

Test Facts

Engine, Model Year:	2006
Propeller:	12 5/8 x 21"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon1)

Yamarin 59 DC

LENGTH: 5,73 M. BEAM: 2,20 M. WEIGHT: 720 KG. HORSEPOWER: 80-115 HP.

Yamaha F80

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	31,0	25,5	0,82
5200	27,2	18,8	0,69
4700	24,2	15,4	0,64
4200	20,5	13,4	0,65

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	30,0	24,8	0,83
5000	26,0	18,5	0.71
4500	22,8	15,6	0,68
4000	19,2	14,0	0,73

Engine Specifications

HP/Type:	F80AETL
Cyl/Displacement:	4 / 1596 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,30:1
Weight:	164 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 1/4 x 17"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+12° C

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	38,7	39,2	1,01
5500	35,1	29,4	0,84
5000	31,6	23,2	0,73
4500	27,6	19,0	0,69

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	38,0	39,0	1,03
5400	34,0	28,8	0,85
4900	30,2	23,6	0,78
4400	26,0	19,8	0,76

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	186 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 12° C

Yamarin 59 HT

LENGTH: 5,91 M. BEAM: 2,26 M. WEIGHT: 780 KG. HORSEPOWER: 80-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	35,5	36,2	1,02
5100	31,0	27,2	0,88
4600	27,0	21,8	0,81
4100	23,0	17,6	0,77

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	34,5	35,5	1,03
5000	30,0	26,8	0,89
4500	26,2	21,6	0,82
4000	21,5	17,8	0,83

Engine Specifications

HP/Type:	F115AETL
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	186 kg

Test Facts

Engine, Model Year:	2003
Propeller:	13 x 19"-K(SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 8° C

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	43,0	58,0	1,35
5300	39,5	46,2	1,17
4800	34,4	37,0	1,08
4300	30,7	30,6	0,99

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	42,5	57,0	1,34
5200	38,3	45,8	1,19
4700	34,5	36,7	1,06
4200	29,5	30,5	1.03

Engine Specifications

HP/Type:	F150AETL
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	216 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 8° C

Yamarin 61 CC

LENGTH: 6,25 M. BEAM: 2,30 M. WEIGHT: 800 KG. HORSEPOWER: 80-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	37,4	38,0	1.02
5400	33,8	28,4	0,84
4900	30,5	22,8	0,75
4400	26,8	18,6	0,69

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	36,5	37,5	1,03
5300	33,0	28,0	0,85
4800	29,5	22,2	0,75
4300	25,5	18,8	0,74

Engine Specifications

HP/Type:	F115AETX
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	190 kg

Test Facts

Engine, Model Year:	2009
Propeller:	13 x 19"-K(SS)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 3)

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	45,8	56,2	1,23
5200	42,1	45,0	1,07
4700	37,1	35,2	0,95
4200	32,8	28,0	0,85

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	45,2	55,8	1,23
5100	41,4	44,6	1,08
4600	36,1	34,8	0,96
4100	31,6	27,8	0,88

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2009
Propeller:	13 3/4 x 21-M(SS)
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 3)

Yamarin 63 BR

LENGTH: 6,25 M. BEAM: 2,30 M. WEIGHT: 900 KG. HORSEPOWER: 115-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	36,0	35,8	0,99
5500	33,8	30,2	0,89
5000	30,8	24,0	0,78
4500	26,5	19,2	0,72

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	35,2	35,0	0,99
5500	32,5	30,5	0,94
5000	29,0	24,4	0,84
4500	24,5	19,8	0,81

Engine Specifications

HP/Type:	F115AETX
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	191 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 x 19"-K(SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C (Zon 3)

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	46,7	56,4	1,21
5200	42,0	43,4	1,03
4700	37,5	34,2	0,91
4200	32,4	28,8	0,89

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	46,2	56,0	1,21
5100	41,2	43,0	1,04
4600	36,7	33,5	1,91
4100	31,5	28,2	0,90

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2009
Propeller:	13 3/4 x 21"-M(SS)*
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C (Zon 3)

*) Type of propeller: Reliance (=additional charge)

Yamarin 63 DC

LENGTH: 6,25 M. BEAM: 2,30 M. WEIGHT: CA 900 KG. HORSEPOWER: 115-150 HP.

Yamaha F115

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5800	36,5	36,1	0,99
5500	34,5	30,4	0,88
5000	31,2	24,2	0,78
4500	27,2	19,6	0,72
4000	23,4	16,6	0,71
3500	18,8	13,0	0,72

Engine Specifications

HP/Type:	F115AETX
Cyl/Displacement:	4 / 1741 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,15:1
Weight:	191 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 x 19"-K (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

Yamarin 64 DC

LENGTH: 6,21 M. BEAM: 2,48 M. WEIGHT: 1100 KG. HORSEPOWER: 115-225 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	39,8	58,3	1,46
5200	36,7	46,4	1,26
4700	32,7	35,8	1,09
4200	28,1	29,0	1,03

Test Results 4 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5600	39,0	57,5	1,47
5100	35,5	45,0	1,27
4600	31,0	35,5	1,14
4100	25,5	29,2	1,14

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2004
Propeller:	13 3/4 x 19" -M(SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 8° C

Yamaha F225

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	48,7	83,2	1,71
5400	44,8	65,7	1,47
4900	40,2	55,4	1,38
4400	37,3	45,2	1,21
3900	32,6	36,2	1,11
3400	27,8	25,6	0,92
2900	22,5	19,4	0,86
2400	16,0	15,0	0,94

Engine Specifications

HP/Type:	F225FETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,75:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 1/4 x 19 -M(SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater II SDS

Yamarin 65 DC

LENGTH: 6,30 M. BEAM: 2,50 M. WEIGHT: CA 1170 KG. HORSEPOWER: 115-225 HP.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	43,0	56,5	1,31
5500	41,8	49,5	1,18
5000	37,2	37,2	1,00
4500	33,4	31,0	0,93
4000	28,8	24,2	0,84
3500	23,2	19,0	0,82

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 19"-M (SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Reliance (=additional charge)

Yamarin 68 C

LENGTH: 6,77 M. BEAM: 2,54 M. WEIGHT: CA 1400 KG. HORSEPOWER: 115-200 HK.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	38,4	55,8	1,45
5000	34,0	42,4	1,25
4500	30,0	32,6	1,09
4000	25,8	26,4	1,02
3500	21,2	20,5	0,97
3000	15,0	14,8	0,99
1200	5,0	2,6	0,52

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2008
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

Yamaha F200

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	44,2	67,0	1,52
5200	39,2	56,2	1,43
4700	34,5	41,8	1,21
4200	28,7	33,4	1,16
3700	24,0	25,0	1,04
3200	19,0	19,0	1,00
1300	5,0	5,4	0,96

Engine Specifications

HP/Type:	F200CETX
Cyl/Displacement:	6 / 3352 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	278 kg

Test Facts

Engine, Model Year:	2007
Propeller:	14 7/8 x 21"-M (SS)*
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

*) Type of propeller: Saltwater I (=additional charge)

Yamarin 68 DC

LENGTH: 6,77 M. BEAM: 2,54 M. WEIGHT: CA 1300 KG. HORSEPOWER: 115-250 HK.

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	38,8	56,8	1,46
5200	34,7	46,4	1,34
4700	31,0	35,2	1,14
4200	26,0	28,8	1,11
3700	22,1	22,2	1,00
3200	17,0	16,1	0,95
1300	5,0	2,8	0,56

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2007
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

Yamaha F250

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5400	49,0	91,4	1,87
4900	44,8	76,6	1,71
4400	40,2	58,8	1,46
3900	34,5	43,8	1,27
3400	30,7	31,8	1,04
2900	23,5	23,6	1,00
1000	5,0	4,8	0,96
600	3,3	2,8	0,85

Engine Specifications

HP/Type:	F250DETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,75:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 x 21"-M (SS)*
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15° C

*) Type of propeller: Saltwater II SDS

Yamarin 76 DC

LENGTH: 7,52 M. BEAM: 2,60 M. WEIGHT: CA 1650 KG. HORSEPOWER: 150-300 HK.

Yamaha F200

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	40,0	70,2	1,76
5500	36,4	60,4	1,66
5000	31,5	43,2	1,37
4500	27,0	34,8	1,29
4000	22,1	28,2	1,28

Engine Specifications

HP/Type:	F200CETX
Cyl/Displacement:	6 / 3352 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	278 kg

Test Facts

Engine, Model Year:	2006
Propeller:	13 3/4 x 19"-M (SS)
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 22° C

Yamaha F300

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5500	48,0	101,8	2,12
5000	43,0	77,6	1,80
4500	38,2	60,8	1,59
4000	32,7	46,5	1,42
3500	28,5	33,8	1,19
3000	21,0	24,0	1,14
1000	5,0	5,0	1,00
600	3,1	2,6	0,84

Engine Specifications

HP/Type:	F300BETX
Cyl/Displacement:	6 / 4169 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,75:1
Weight:	260 kg

Test Facts

Engine, Model Year:	2011
Propeller:	15 x 21"-M (SS)*
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Saltwater II SDS

Yamarin 80 DC

LENGTH: 8,10 M. BEAM: 2,60 M. WEIGHT: CA 1850 KG. HORSEPOWER: 250-350 HK.

Yamaha F350

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5900	52,1	127,0	2,44
5500	49,3	114,5	2,32
5000	44,5	90,5	2,03
4500	39,6	71,5	1,81
4000	34,5	49,0	1,42

Engine Specifications

HP/Type:	F350AETX
Cyl/Displacement:	V8 / 5330 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,73:1
Weight:	365 kg

Test Facts

Engine, Model Year:	2009
Propeller:	15 1/4 x 23"-X (SS)
Mounting Height:	54 mm
Tilt Angle:	PT
Air Temperature:	+ 5° C

Yamarin Cross 53 BR

LENGTH: 5,27 M. BEAM: 2,08 M. WEIGHT: CA 508 KG. HORSEPOWER: 50-70 HP.

Yamaha F60

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6000	28,8	20,3	0,70
5500	26,6	16,0	0,60
5000	23,7	12,8	0,54
4500	20,5	10,6	0,52
4000	17,0	8,4	0,49
3500	12,5	7,0	0,56

Engine Specifications

HP/Type:	F60CETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5000-6000
Gear Ratio:	1,85:1
Weight:	110 kg

Test Facts

Engine, Model Year:	2012
Propeller:	11 3/8 x 12"-G (69W)
Mounting Height:	0 mm
Tilt Angle:	PT
Air Temperature:	+ 8° C (Zon 0)

Yamaha F70

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
6100	31,0	22,8	0,74
6000	30,4	22,0	0,72
5500	27,2	17,6	0,65
5000	24,0	14,2	0,59
4500	21,6	11,0	0,51
4000	17,4	8,4	0,48
3500	13,8	7,6	0,55

Engine Specifications

HP/Type:	F70AETL
Cyl/Displacement:	4 / 996 cc
Recommended RPM:	5300-6300
Gear Ratio:	2,33:1
Weight:	120 kg

Test Facts

Engine, Model Year:	2012
Propeller:	13 1/2 x 15"-K
Mounting Height:	18 mm
Tilt Angle:	PT
Air Temperature:	+ 8°C (Zon 0)

Yamarin Cross 61 CC/63 BR

LENGTH: 6,25 M. BEAM: 2,30 M. WEIGHT: CA 780/880 KG. HORSEPOWER: 115-150 HP.

Yamarin Cross 61 CC

Yamarin Cross 63 BR

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	45,8	58,3	1,27
5200	42,6	45,2	1,06
4700	37,6	35,6	0,95
4200	32,5	27,6	0,85
3700	27,3	21,6	0,79
3200	22,3	15,4	0,69

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 21"-M (SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Reliance (=additional charge)

Yamaha F150

Test Results 2 persons

		Fuel Consumption	
RPM	Speed in Knots	Liter/Hour	Liter/NM
5700	45,3	57,6	1,27
5200	41,4	44,8	1,08
4700	37,3	34,2	0,92
4200	32,1	27,2	0,85
3700	27,0	21,2	0,79
3200	22,0	15,2	0,69

Engine Specifications

HP/Type:	F150AETX
Cyl/Displacement:	4 / 2670 cc
Recommended RPM:	5000-6000
Gear Ratio:	2,00:1
Weight:	218 kg

Test Facts

Engine, Model Year:	2011
Propeller:	13 3/4 x 21"-M (SS) *
Mounting Height:	36 mm
Tilt Angle:	PT
Air Temperature:	+ 15°C (Zon 3)

*) Type of propeller: Reliance (=additional charge)

Yamaha sailboard engines

TESTBOAT: SAILART 20, 6,30 X 2,50 METERS, WEIGHT 820 KG.

Testfacts

Model	M20	F4AMHL	F6AMHL	F6AMHL	F8CMHL	FT8DMHL
Type of engine	Electric	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Propeller, type	Std	Std	Std	High Trust	Std	High Trust
Propeller, size	-	7 ½ x 8	8 1/2 x 6 1/2	9 x 5	8 1/2 x 7 1/2	11 3/4 x 5 3/4
Max rpm in test	-	4900	5000	5400	5000	5300
Traction Power in kilopond:						
-forward	18	45	76	80	78	112
-reverse	9	23	35	56	49	78
Stop in seconds	15	11,6	9,0	6,8	8,1	6,2
Speed in Knots:						
-max rpm	3,0	5,8	6,3	6,0	6,5	6,5
- 500 rpm	1,8	5,5	5,9	5,8	6,1	6,2
-1000 rpm	-	5,0	5,4	5,4	5,6	5,9
Fuel Consumption in liter/hour:						
- max rpm	-	1,4	2,2	2,4	2,8	3,2
- 500 rpm	-	1,2	1,8	2,0	2,4	2,6
- 1000 rpm	-	0,9	1,4	1,6	1,8	1,9

Testboat: Sailart 20, 6,30 x 2,50 meters, weight 820 kg.

Yamaha News!

Yamaha Outboard features!

Y-Cop Immobiliser System as standard

Yamaha is the only manufacturer who has a Customer Outboard Protection (Y-COP) system. This system is standard on all four-stroke models from 30 to 350 hp. Y-COP locks and unlocks the engine with a push of a button on the remote control- just like a car.

Electronic Trolling Control as standard

The most precise control you've ever experienced, the Digital Network System also offers control of engine speed for trolling. A button on the tachometer adjusts the RPM in precise 50 RPM steps, between 600 and 900. Automatic engine synchronisation in twin/triple installations.

Premium Digital Network Gauge

The new F225F-F300B and F350 are compatible with Yamaha's Digital Premium Gauges, which displays data to maximise performance and efficiency. A 5 inch color screen with all engine and boat data gives you a perfect overview. The menu driven display can be set up with different looks and information as:

Background colors.
Character colors.
Analog or digital views.
Day or night colors and more.

the art of engineering

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