

HOT SHEET

EFFECTIVE | MAY 15, 2011

F115

Redesigned for Greater Efficiency

The F115 delivers on Yamaha's desire to make each new generation of outboards lighter and more efficient. The new F115 started with the venerable DOHC in-line, four-cylinder 16-valve engine that set the standard for reliability and durability, then added new technologies to make a highly efficient package that's ready to lead the segment in the industry.

- ▶ **More Responsive** | Induction features a new long-track intake system with a single throttle valve and a resonator to improve throttle response.
- ▶ **Improved Performance** | Re-shaped combustion chambers increase combustion efficiency, and an ECM controlled electronic fuel injection system provides more precise control of the combustion process – all for improved performance and increased fuel efficiency.
- ▶ **Better Engine Protection** | New knock sensor in the ECM provides protection from knocking, improved combustion efficiency, and helps assure maximum performance and acceleration.
- ▶ **Improved Draining and Corrosion Resistance** | A new cowl design improves air intake, better restricts water intrusion and drains more effectively for increased corrosion resistance.
- ▶ **Lighter Weight** | Adapting the latest ancillary designs and new materials means the entire unit weighs less than before, which translates to better efficiency.
- ▶ **Latest Technology** | The redesigned F115 is now compatible with Command Link® Gauges and the Y-COP™ immobilizer system.
- ▶ **Bold New Graphics**



AVAILABLE MODELS |

- ▶ F115LA
- ▶ L/F115XA



F115

Specifications



▶ ENGINE

Type	16-Valve, DOHC, In-line four
Displacement	1741cc (106.2 ci)
Bore x Stroke	79.0 x 88.8mm (3.11 x 3.49 in)
Full Throttle RPM Range	5000 ~ 6000 rpm
Horsepower Rating at Propshaft	115 hp @5500 rpm
Compression Ratio	9.7:1
Fuel Induction/Scavenging	Electronic Fuel Injection
Alternator Output	24 Amp (battery charge: 16 Amp)
Starting Method (See Model Code)	T = Electric w/ PTT
Ignition System	TCl Micro-computer
Lubrication	Wet Sump
Degree of Trim	-4 through 16°
Degree of Tilt (Tilt Limiter Optional)	70°
Exhaust	Through Propeller
Cooling	Raw-water, Thermostatic Control

▶ DRIVE

Gear Shift	Forward, Neutral, Reverse
Gear Ratio	(28:13) 2.15:1

▶ SHAFT LENGTH

See Model Code	L = 20" X = 25"
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▶ FUEL AND LUBRICATION

Recommended Fuel	Regular Unleaded (Minimum Pump Octane 87)
Recommended Fuel Filtration	Yamaha 10 Micron Fuel/Water Separating Filter (external)
Ethanol Blend Limit	10% Maximum
Recommended Oil	Yamalube® 4M (See Owner's Manual)
Engine Oil Capacity	3.7L/ 3.5L with/without oil filter change

▶ WEIGHT

F115LA	182kg/401 lbs
L/F115XA	185kg/408 lbs
F115JA	182kg/402 lbs

▶ LIMITED WARRANTY

Pleasure	Three Years
Government	Three Years
Commercial	One Year

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