

# HOT SHEET

EFFECTIVE | MAY 15, 2011

## 3.3L F200 / F225

### New Powerhead for Better Low and Midrange Punch

Yamaha's proven family of 3.3-liter V6 outboards continues to evolve to meet the needs of boaters who prefer a large, powerful outboard that uses a mechanical control box. Now, the F200 and F225 "mechanical" models both use the same powerhead that drives the legendary 3.3-liter V6 F250.

The change means the 3.3-liter F200 and F225 now both have Variable Camshaft Timing, which increases low and mid range punch. These outboards provide even more flexibility for re-powers or applications where drive-by-wire technology is not desired.

- ▶ **Powerful** | With Variable Camshaft Timing (VCT), the Engine Control Module directs the Variable Camshaft Actuator to advance and retard camshaft timing based on engine rpm. This improves intake and exhaust efficiency in the low and mid rpm ranges. The result is an increase in torque in the 2,000 to 3,500 rpm range.
- ▶ **Fuel Efficient** | An ECM-controlled single throttle valve precisely controls the air flow for smooth idle and better performance.
- ▶ **Responsive** | The Long Tube Intake Tracks are tuned to increase air flow, which boosts low and mid-range torque for better acceleration.
- ▶ **Smooth** | The flywheel has a rubber dampener to reduce engine vibration for a smoother, more pleasant boating experience.
- ▶ **Quiet** | The Shift Dampener System (SDS™) props are now available and the new F200/F225 come ready to accept them. The result is much smoother and quieter operation.
- ▶ **Bold New Graphics** | The bold new look brings Yamaha's entire line together and complements today's latest boat designs.



#### AVAILABLE 3.3L MODELS |

- ▶ F200XA
- ▶ LF200XA
- ▶ F225XA



# 3.3L F200 / F225

## Specifications



### ▶ ENGINE

Type	60° V6 DOHC 24-valve
Displacement	3352cc (3.3L)
Bore x Stroke	94 x 80.5mm (3.70 x 3.17 in)
Full Throttle RPM Range	5000 ~ 6000
Horsepower Rating at Propshaft	200/225hp at 5500 rpm
Compression Ratio	9.9:1
Fuel Induction/Scavenging	EFI/VCT/DOHC
Alternator Output	44 Amp (Battery charge: 27 Amp)
Starting Method (See Model Code)	T = Electric w/ PTT
Ignition	TCI Micro-computer
Lubrication	Wet Sump
Degree of Trim	-3° through +16°
Degree of Tilt	70°
Exhaust	Through Propeller
Cooling	Raw-water, Thermostatic Control

### ▶ DRIVE

Gear Shift	Forward, Neutral, Reverse
Gear Ratio	(30:15) 2.00:1

### ▶ SHAFT LENGTH

See Model Code	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	4.7L with filter 4.5L w/o filter

### ▶ WEIGHT

F/LF200XA	276kg/608 lbs
F225XA	276kg/608 lbs

### ▶ LIMITED WARRANTY

Pleasure	Three Years
Government	Three Years
Commercial	One Year

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