



# HONDA Outboard BF 100A K1 XRTU 66 cm Shaft With Tiller 73.6 kW 1496 cm<sup>3</sup>

## Product description:

### **HONDA OUTBOARD BF100AK1 XRTU EXTRA LONG LEG drive**

Honda BF100AK1 XRTU are outboard engines perfect for professional use, they are reliable, compact and lightweight complete with PGM-Fi electronic fuel injection system.

Honda BF100AK1 XRTU 1.5-liter engine with 16 valves and a single overhead cam. In addition, the PGM-Fi electronic fuel injection system allows for easy starting, powerful acceleration and exceptional fuel economy. The VTEC™ is also available on the Honda BF100AK1 XRTU. When combined with the ECOMo system, it not only offers outstanding fuel economy, but also remarkable high-velocity performance. These outboards are lightweight and compact, and with NMEA2000® connectivity, they're a big favorite with marine enthusiasts.

Honda BF100AK1 XRTU comes complete with a patented VTEC, allowing you to keep fuel consumption down while still offering an exciting increase in power. First used on Honda's Formula One cars, it delivers increased power and torque at all engine speeds. In the Honda BF100AK1 XRTU works by using two different cams:



- 1) When the engine is running at low velocity, the valves are operated by a cam less aggressively ensuring low fuel consumption and excellent performance.
- 2) When more power is desired, as the increases to 4500 rpm, the VTEC™ hydraulically operates a cam with a higher lift profile. This keeps the valves open longer, getting more air into the combustion chamber to produce optimum power, like a Formula One race car. At this point, the outboard takes on a completely different personality and it will be noticeable both to the ear and in performance.

Honda BF100AK1 XRTU features the BLAST™ Ready Start System, which gets the outboard up to speed in seconds. The BLAST™ (Boosted Low Speed Torque) system delivers high torque even at low velocity by unleashing powerful thrust from startup. The ECU automatically advances the ignition timing, while increasing the fuel-to-air ratio to give you more thrust from low rpm. This innovative technology patented for Honda 4-stroke outboards has become the benchmark in the design of these engines.

The Honda BF100AK1 XRTU dual-stage air induction works with a shuttle valve built into the Variable Air Intake (VAI) manifold. When fully open, this valve changes the resonance and airflow generating more torque at low rpm. When the throttle is fully open and increases, the cooling valve closes and creates airflow directed to the outboard. This gives you more power above 3500 rpm.

The ECOmo's special poor-blend combustion control provides significant fuel economy right through performance. Once at RPM, much less fuel is consumed. By maintaining this RPM and staying there, you get the best results.

The Honda BF100AK1 XRTU models are NMEA2000® compliant. There is no need to modify the wiring because everything is set up. Simply plug the engine into the CANbus network - the boat's nervous system - for total connectivity and control. Then the outboard can be connected to other NMEA devices such as the navigation, GPS, sonar, echo sounder and chartplotter. All information, including engine data, will be displayed via the multifunctional indicators.

## HONDA BF100AK1 XRTU TECHNICAL SPECIFICATIONS

Net Power (kW): 73.6

Net Power (Hp): 100

Displacement: 1496 cm<sup>3</sup>

Shaft Length: EXTRA LONG

Dry Weight (Kg) : 172

Start: Electric

Initiation System: Electronic PGM-IG

Type of Control: Remote

Engine trim and lift: Electric

Transom height (mm): 664

Length (mm): 748

Width (mm): 449



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Height (mm): 1693  
Bore x stroke: 73 x 89.4 mm  
Brand Engine: Honda  
Engine Type: SOHC, 4-stroke  
Number of Cylinders: 4  
RPM at full throttle (rpm): 5300-6300  
Cooling System: Water  
Battery Charging Capacity (A): 35

Are you looking for an outboard with different specifications? [Here](#) you can find the entire Honda range or other brands specializing in the field.

Images are for guidance only.

**Product features:**

Fuel: Gasoline  
Engine: SOHC, 4 tempi  
Ignition: Electronic PGM-IG  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 1496  
Number cylinders: 4  
Cylinders' position: In line  
Cooling: Water (with thermostat)  
Bore x stroke (mm): 73 x 89.4  
Reduction ratio: 2.33  
Rpm at full throttle (rpm): 5300 - 6300  
Appearance and engine lifting: Electric  
Transom height (mm): 664  
Net power (kW): 73.6  
Length (mm): 746  
Width (mm): 449  
Height (mm): 1693  
Dry weight (Kg): 172  
Shaft Length: X  
Controls: Remote