



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

Reference: BF 100A K1 XRTU

### 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  
 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.

## Technical Sheet

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

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Shaft Length	X
Controls	Remote

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