



## HONDA Outboard BF 135 XCU Shaft 63 cm Counter Rotating 99.3 kW 2354 cm<sup>3</sup>

Reference: BF 135AK2 XCU /

### HONDA OUTBOARD BF135AK2 XCU LONG LEG

Honda BF135AK2 XCU are outboard engines perfect for professional use, they are reliable, compact and lightweight complete with PGM-Fi electronic fuel injection system.

Honda BF135AK2 XCU are optimized to offer more power for a wide range of different boats. The decisive, smooth power this advanced technology offers is sure to put a smile on your face as you venture out on the water.

VTEC™ is an efficient system included in the Honda BF135AK2 XCU outboard that keeps fuel consumption down while delivering an exciting increase in power. In the Honda BF135AK2 XCU it works by using two different cams:

- 1) When the engine is running at low rpm, the valves are operated by a cam less aggressively ensuring low fuel consumption and excellent performance.
- 2) As the engine speed increases to 4500 rpm, the VTEC™ system 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 engine takes on a completely different personality that will be evident both to the ear and in performance.

The Honda BF135AK2 XCU outboard features BLAST™ ready-to-start technology that gets the engine up to speed in seconds. The BLAST™ (Boosted Low Speed Torque) system delivers high torque even at low speeds by unleashing powerful thrust from startup. The ECU automatically advances the ignition timing, and at the same time increases the fuel/air ratio to give you more thrust from low speeds.

Honda BF135AK2 XCU features ECOMo's special poor-blend combustion control system ensures remarkable fuel economy right from revs and performance. Once at RPM, you consume much less fuel. Maintaining this RPM and staying there gives the best result. Once you reach cruising speed, ECOMo automatically and intelligently adjusts the correct air/fuel ratio for that speed. Normally it starts working in the green zone (shown on the dial) or when the green Eco light comes on (in case you have multifunctional indicators).

The Honda BF135AK2 XCU 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 and you get full connectivity and control. Then the engine can be connected to other NMEA devices such as the navigation system, GPS, sonar devices, sounder and chartplotter.

#### HONDA BF135AK2 XCU TECHNICAL FEATURES

Net Power (kW): 99.3  
Net Power (Hp): 135  
Displacement: 2354 cm<sup>3</sup>  
Shaft Length: Extra Long  
Dry Weight (Kg) : 220  
Firing: Electric  
Initiation System: Electronic PGM-IG

Type of Control: Remote  
Engine Mounting and Lifting: Electric  
Transom Height (mm): 508  
Length (mm): 845  
Width (mm): 580  
Height (mm): 1665  
Bore x Stroke: 87 x 99 mm  
Brand Engine: Honda  
Engine Type: DOHC, 4-stroke  
Number of cylinders: 4  
RPM at full throttle (rpm): 5000-6000  
Cooling system: Water  
Battery charging capacity (A): 40  
Exhaust system: Propeller hub  
Propeller rotation: Counter-rotating

Are you looking for an outboard with different technical features? [Here](#) you can find the full range of Honda or other specialized brands.

The images are purely indicative.

## Technical Sheet

Fuel	Gasoline
Engine	DOHC, 4 tempi
Ignition	Electronic PGM-IG
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	2354
Number cylinders	4
Cylinders' position	In line
Cooling	Water (with thermostat)
Bore x stroke (mm)	87 x 99
Reduction ratio	2.14
Rpm at full throttle (rpm)	5000 - 6000
Appearance and engine lifting	Electric
Transom height (mm)	635
Net power (kW)	99.3
Length (mm)	845
Width (mm)	580
Height (mm)	1793
Dry weight (Kg)	223
Shaft Length	X
Controls	Remote