

TYPES OF HONDA BF115A/BF130A OUTBOARD MOTORS

It may be necessary to refer to this chart for reference purposes when reading this manual.

Model	Type	Shaft Length		Gear case		Remote Control	Control Panel	Power Trim/Tilt	Tachometer	Trimmer
		Long	Extra-long	Standard Rotation	Counter Rotation					
BF115A/ BF130A	LD	○		○		(○)	(○)	○	(○)	(○)
	XD		○	○		(○)	(○)	○	(○)	(○)
	LCD	○			○	(○)	(○)	○	(○)	(○)
	XCD		○		○	(○)	(○)	○	(○)	(○)

L: Long shaft X: Extra-long shaft C: Counter rotation (): Optional part

The power trim/tilt type motors use an electric/hydraulic power cylinder to trim or tilt the motor.

ENGINE

Model	BF115AX	BF130AX
Type	4-stroke, O.H.C., 4-cylinder	
Displacement	2,254 cm ³ (137.5 cu in)	
Bore x stroke	86 x 97 mm (3.4 x 3.8 in)	
Rated power	*1 84.6 kW (115 PS) at 5,000 – 6,000 min ⁻¹ rpm	95.6 kW (130 PS) at 5,000 – 6,000 min ⁻¹ (rpm)
Maximum torque	169 N·m (17.2 kgf·m, 124 lbf·ft)	180 N·m (18.4 kgf·m, 133 lbf·ft)
Compression ratio	8.8 : 1	
Fuel consumption ratio	310 g/kW·h (228 g/PS·h)	345 g/kW·h (254 g/PS·h)
Cooling system	Forced water circulation by impeller pump with thermostat	
Ignition system	Full transistorized, battery ignition	
Ignition timing	10° at 650 min ⁻¹ (rpm) B.T.D.C to 24° at 6,000 min ⁻¹ (rpm) B.T.D.C.	
Spark plug	ZFR7F (NGK), KJ22CR-L8 (DENSO)	
Fuel supply system	Programmed fuel injection (PGM-FI)	
Fuel injection system	Electronic control	
Fuel injection nozzle	Pintle type	
Fuel pipe	Steel pipe and rubber tubes	
Lubrication system	Pressure lubrication by trochoid pump	
Lubrication capacity	5.6 ℓ (5.9 US qt, 4.9 Imp qt) [with oil filter replacement: 6.5 ℓ (6.9 US qt, 5.7 Imp qt)]	
Starter system	Electric starter	
Stopping system	Primary circuit ground	
Fuel	Automotive unleaded gasoline 91 research octane, 86 pump octane or higher.	
Optional fuel tank capacity	25 ℓ (6.6 US gal, 5.5 Imp gal)	
Fuel pump	Electric and mechanical plunger type	
Exhaust system	Underwater type	
Recommended oil	SAE 10W – 30/40	

*1: Full throttle range.