

I. SPECIFICATIONS

HONDA
BF75 / BF100

1. SPECIFICATIONS

2. DIMENSIONAL DRAWINGS

1. SPECIFICATIONS

Dimensions · Weight		BF 75 Short	BF 75 Long	BF 100 Short	BF 100 Long
Overall length		515 mm (20.3 in)	←	←	←
Overall width		315 mm (12.4 in)	←	←	←
Overall height		1,010 mm (39.8 in)	1,160 mm (45.7 in)	1,010 mm (39.8 in)	1,160 mm (45.7 in)
Dry weight		34 kg (75.0 lb)	35 kg (77.2 lb)	34 kg (75.0 lb)	35 kg (77.2 lb)
Operating weight (incl. oil)		35 kg (77.2 lb)	36 kg (79.4 lb)	35 kg (77.2 lb)	36 kg (79.4 lb)
Transom height		422 mm (16.6 in)	572 mm (22.5 in)	422 mm (16.6 in)	572 mm (22.5 in)
Transom angle		4-stage (3° - 8° - 13° - 18°)			
Tilting		2-stage (32.5° - 72°)			
Swivel angle		R: 45°, L: 45°			
Engine					
Type		2 cylinder, in-line, 4 stroke, water-cooled, OHC			
Total piston displacement		197 cc (12.0 cu in)			
Bore x stroke		56 x 40 mm (2.20 x 1.57 in)			
Maximum horsepower		7.5 ps (7.4 hp)/5,200 rpm	←	9.9 ps (9.8 hp)/5,700 rpm	←
Maximum torque		110 kg-cm (7.96 ft-lb)	←	130 kg-cm (9.40 ft-lb)	←
Compression ratio		8.6 : 1			
Fuel consumption ratio		270 g/ps-h (0.60 lb/hp-h)			
Cooling system		Forced water circulation by impeller pump with thermostat			
Ignition system		Engine serial number 1000004-1199999: Flywheel magneto Engine serial number 1200001 and subsequent: CDI			
Ignition timing		15° - 35° B.T.D.C.			
Spark plug		DR-5HS (NGK) (Standard)			
Carburetor		Horizontal type, butterfly valves			
Advance type		Centrifugal spark advance			
Lubrication system		Pressure lubrication by trochoid pump			
Lubricant capacity		0.8ℓ (0.85 US qt, 0.70 Imp qt) (SAE 10W-40 Service Classification SE or SF)			
Starting system		Recoil starter			
Stopping system		Grounding of primary circuit			
Fuel		Regular automotive gasoline			
Fuel tank capacity		13ℓ (3.4 US gal, 2.9 Imp gal)			
Fuel pump		Diaphragm type			
Exhaust system		In-water type			
Lower Unit					
Clutch		Dog clutch (Forward - Neutral - Reverse)			
Gear ratio		12 : 29			
Gear case oil capacity		0.23ℓ (0.49 US pt)			
Propeller					
No. of blades-Dia. x Pitch		3 - 240 mm x 220 mm (3 - 9-1/2 x 8-3/4 in)			
Rotating direction		Clockwise (viewed from rear)			