

# I. SPECIFICATIONS

**HONDA**  
**BF50·BF5A**

## 1. SPECIFICATIONS

## 2. DIMENSIONAL DRAWINGS

### 1. SPECIFICATIONS

#### DIMENSIONS/WEIGHT

Item	Type	BF50S	BF50L	BF5A S	BF5A L
	Overall length		525 mm (20.7 in)		
Overall width		340 mm (13.4 in)			
Overall height		1,005 mm (39.6 in)	1,135 mm (44.7 in)	1,005 mm (39.6 in)	1,135 mm (44.7 in)
Dry weight		27.0 kg (59.5 lb)	27.5 kg (60.6 lb)	27.0 kg (59.5 lb)	27.5 kg (60.6 lb)
Operating weight (incl. oil)		27.5 kg (60.6 lb)	28.0 kg (61.7 lb)	27.5 kg (60.6 lb)	28.0 kg (61.7 lb)
Transom height		445 mm (17.5 in)	572 mm (22.5 in)	445 mm (17.5 in)	572 mm (22.5 in)
Transom angle		5-stage (5° - 9° - 13° - 17° - 21°)			
Tilting		3-stage (30° - 45° - 70°)			
Swivel angle		R: 45°, L: 45°			

Type	Single cylinder, 4 stroke, water cooled, vertical OHV
Total piston displacement	127 cm <sup>3</sup> (7.7 cu in)
Bore x stroke	60 x 45 mm (2.36 x 1.77 in)
Maximum horsepower	5.0 PS/5,000 rpm
Maximum torque	7.9 N·m (0.79 kg·m, 5.71 ft·lb)
Compression ratio	8.7 : 1
Fuel consumption ratio	310 g/PS-h (0.68 lb/PS-h)
Cooling system	Forced water circulation by impeller pump with thermostat
Ignition system	Transistorized magneto
Ignition timing	25° BTDC fixed
Spark plug	(NGK) BPR5ES, (ND) W16EPR-U
Carburetor	Horizontal type, butterfly valves
Lubrication system	Pressure lubrication by trochoid pump
Lubricant capacity	0.55 l (0.58 US qt, 0.48 Imp qt)
Starting system	Recoil starter
Stopping system	Grounding of primary circuit
Fuel	Regular automotive gasoline
Fuel tank capacity	13 l (3.4 US gal, 2.9 Imp gal)
Fuel pump	Diaphragm type
Exhaust system	Underwater type

#### LOWER UNIT

Clutch	Dog clutch (Forward - Neutral - Reverse)
Gear ratio	0.48 (13/27)
Gear case oil capacity	0.1 l (0.21 US pt, 0.18 Imp pt)
Propeller	(Standard)
No. of blades-Dia. x Pitch	3-200 mm x 190 mm (7-7/8 in x 7-1/2 in)
	(Optional) 3-200 mm x 170 mm (7-7/8 in x 6-11/16 in)
Rotating direction	Clockwise (viewed from rear)