

# I. SPECIFICATIONS

## 1. SPECIFICATIONS

## 2. DIMENSIONAL DRAWINGS

### 1. SPECIFICATIONS

#### DIMENSIONS AND WEIGHTS

Item		Model			
		BF20S	BF20L	BF2AS	BF2AL
Length	mm (in)	410 (16.1)			
Width	mm (in)	275 (10.8)			
Height	mm (in)	930 (36.6)	1,080 (42.5)	930 (36.6)	1,080 (42.5)
Dry weight	kg (lb)	12.5 (27.6)	13.0 (28.7)	12.5 (27.6)	13.0 (28.7)
Operating weight	kg (lb)	13.6 (30.0)	14.0 (30.9)	13.6 (30.0)	14.0 (30.9)
Transom height	mm (in)	420 (16.5)	570 (22.4)	420 (16.5)	570 (22.4)
Transom angle		4 stages (5°–10°–15°–20°)			
Tilting stage		1 stage			
Tilting angle		75°			
Turning angle		360°			

#### ENGINE

Type	4-stroke, side valve, 1 cylinder
Displacement	76 cm <sup>3</sup> (4.6 cu in)
Bore and stroke	46 x 46 mm (1.8 x 1.8 in)
Max. horsepower	2.0 HP/5,000 rpm [At propeller shaft]
Max. torque	0.62 kg-m (4.5 ft-lb)
Compression ratio	6.5 : 1
Fuel consumption	400 g/HPh
Cooling system	Forced-air cooling (Water cooling for exhaust system)
Ignition system	Transistorized magneto
Ignition timing	20° B.T.D.C. (Fixed)
Spark plug	BMR-4A (NGK)
Carburetor	BMR-4A (NGK), W14MR-U (ND)
Lubrication system	Horizontal-type butterfly valve
Oil capacity	Splash-type
Starting system	0.4ℓ (0.42 US qt)
Stopping system	Recoil starter
Fuel tank capacity	Grounding primary circuit
Fuel	1.0ℓ (0.26 US gal)
Exhaust system	Regular grade automobile gasoline
	Underwater exhaust system.

#### LOWER UNIT

Gear ratio	13 : 28
Gear case oil capacity	0.05ℓ (0.053 US qt)
Propeller (No. of blades—dia. x pitch)	3—184 x 120 mm (3—7.2 x 4.7 in)
Rotating direction	Clockwise (viewed from rear)