

## SPECIFICATIONS

### DIMENSIONS AND WEIGHTS

Item	Model		BF9.9A				BF15A			
	Description code		BABS		BABL		BAAS		BAAL	
	Type		SC, SD	SCS, SDS	LC, LD	LCS, LDS	SC, SD	SCS, SDS	LC, LD	LCS, LDS
Overall length	550 mm (21.7 in)									
Overall width	320 mm (12.6 in)									
Overall height	1,050 mm (41.3 in)		1,180 mm (46.5 in)		1,050 mm (41.3 in)		1,180 mm (46.5 in)			
Dry weight	42 kg (92.6 lb)	46 kg (101.4 lb)	43 kg (94.8 lb)	47 kg (103.6 lb)	42 kg (92.6 lb)	46 kg (101.4 lb)	43 kg (94.8 lb)	47 kg (103.6 lb)		
Operating weight (incl. oil)	43 kg (94.8 lb)	47 kg (103.6 lb)	44 kg (97.0 lb)	48 kg (105.8 lb)	43 kg (94.8 lb)	47 kg (103.6 lb)	44 kg (97.0 lb)	48 kg (105.8 lb)		
Transom height	440 mm (17.3 in)		570 mm (22.4 in)		440 mm (17.3 in)		570 mm (22.4 in)			
Transom angle	5 stage adjustment (4°–8°–12°–16°–20°)									
Tilting	3 stage adjustment (30°, 45° and 70°)									
Swivel angle	40° (Right, Left)									

### ENGINE

Type	2 cylinder, in-line, 4 stroke, water-cooled, OHC	
Total piston displacement	280 cm <sup>3</sup> (17.1 cu in)	
Bore x stroke	58 x 53 mm (2.3 x 2.1 in)	
Maximum horsepower	7.28 kw (9.9HP) 5,500 rpm (Propeller shaft)	11.03 kw (15HP) 6,200 rpm (Propeller shaft)
Maximum torque	17.4 N·m (1.74 kg·m, 12.66 ft·lb) (Propeller shaft)	19.8 N·m (1.98 kg·m, 14.32 ft·lb) (Propeller shaft)
Compression ratio	8.6 : 1	
Fuel consumption ratio	270 g/PSh (0.60 lb/hp-h)	264 g/PSh (0.58 lb/hp-h)
Cooling system	Forced water circulation by impeller pump with thermostat	
Ignition system	CDI	
Ignition timing	5°–35° B.T.D.C	
Spark plug	DR-5HS (NGK), X16FSR-U (ND)	DR-6HS (NGK), X20FSR-U (ND)
Carburetor	Horizontal type, butterfly valves	
Lubrication system	Pressure lubrication by trochoid pump	
Lubricant capacity	1.1 l (2.33 US pt, 1.94 Imp pt)	
Starting system	Recoil starter (SC, SD, LC, LD Type) recoil starter and electric starter (SCS, SDS, LCS, LDS Type)	
Stopping system	Grounding of primary circuit	
Fuel	Regular automotive gasoline (86 pump octane; unleaded preferred)	
Fuel tank capacity	13.0 l (3.43 US gal, 2.86 Imp gal)	
Fuel pump	Mechanical plunger type	
Exhaust system	Underwater type	

### LOWER UNIT

Clutch	Dog clutch (Forward – Neutral – Reverse)
Gear ratio	0.48 (13/27)
Gear case oil capacity	0.24 l (0.254 US qt, 0.211 Imp qt.)
Propeller	
No. of blades-Dia. x Pitch	3–240 mm x 240 mm (S), 3–240 mm x 220 mm (L)
Rotating direction	Clockwise (viewed from rear)