

ENGINE

Model	BF35A	BF45A
Type	4-stroke, O.H.C., 3-cylinder	
Displacement	808 cm ³ (49.4 cu in)	
Bore x stroke	70 x 70 mm (2.8 x 2.8 in)	
Rated power * 1	35 HP (26.1 kw)/4,600–5,600 min ⁻¹ (r.p.m.)	45 HP (33.6 kw)/5,000–6,000 min ⁻¹ (r.p.m.)
Maximum torque	6.0 kg-m (43.4 ft-lb) 3,500 min ⁻¹ (r.p.m.)	6.05 kg-m (43.8 ft-lb) 4,500 min ⁻¹ (r.p.m.)
Compression ratio	9.2 : 1	
Fuel consumption ratio [g/PS·hr]	210	
Cooling system	Forced water circulation by impeller pump with thermostat	
Ignition system	CDI	
Ignition timing	5–32° B.T.D.C.	
Spark plug	DR7EA (NGK), X22ESR-U (NIPPONDENSO)	
Carburetor	Horizontal type, butterfly valve (3 carburetor)	
Lubrication system	Pressure lubrication by trochoid pump	
Lubrication capacity	2.4 ℓ (2.54 US qt, 2.11 Imp qt)	
Starter system	Electric starter	
Stopping system	Grounding of primary circuit	
Fuel	Regular automotive gasoline (86 pump octane; unleaded preferred)	
Fuel tank capacity	25 ℓ (6.6 US gal, 5.5 Imp gal)	
Fuel pump	Mechanical plunger type	
Exhaust system	Underwater type	
Recommended oil	SAE 10 W–30/40	

* 1: Full throttle r.p.m. range.

LOWER UNIT

Clutch	Dog clutch (Forward–Neutral–Reverse)
Gear ratio	0.48 (26/33 x 14/23)
Reduction	Spiral bevel
Gear case oil capacity	0.52 ℓ (0.550 US qt, 0.458 Imp qt)
Propeller No. of blades-Dia. x Pitch	3-286 x 330 mm (11-1/4 x 13.0 in)
Propeller rotating direction	Clockwise (viewed from rear)
Propeller driving system	Spline