



GENERAL SPECIFICATIONS

Item	Model	
	Worldwide	F4A
	USA/CANADA	F4
DIMENSION	Unit	
Overall length (with tiller handle)	mm (in)	717 (28.2)
Overall width	mm (in)	361 (14.2)
Overall height (S)	mm (in)	1,029 (40.5)
(L)	mm (in)	1,156 (45.5)
WEIGHT (With aluminum propeller)		
(S)	kg (lb)	22 (48.5)
(L)	kg (lb)	23 (50.7)
PERFORMANCE		
Maximum output (ISO)	kW (hp) @r/min	2.9 (4)/@4,500
Full throttle operation	r/min	4,000 ~ 5,000
Maximum fuel consumption	L (US gal, Imp gal)/h @r/min	1.6 (0.42, 0.35)/@5,000
POWER UNIT		
Type		4 stroke, OHV
Number of cylinders		1
Displacement	cm ³ (cu. in)	112 (6.8)
Bore × stroke	mm (in)	59.0 × 41.0 (2.32 × 1.61)
Compression ratio		8.4
Compression pressure	kPa (kg/cm ² , psi)	660 (6.6, 93.87)
Number of carburetors		1
Control system		Tiller control
Starting system		Recoil starter
Ignition control system		T.C.I. (Transistor-Controlled Ignition)
Starting enrichment		Choke valve
Spark plug		B6HS/BR6HS
Exhaust system		Under water
Lubrication system		Wet sump
Ignition timing	Degree	BTDC 28 ~ 32 (Fixed)
FUEL AND OIL		
Fuel type		Unleaded regular gasoline
Fuel rating	PON (Pump Octane Number)	86
	RON (Research Octane Number)	91
Fuel tank capacity (Built-in)	L (US, gal, Imp gal)	1.1 (0.29, 0.24)
Engine oil		4-stroke engine oil
Engine oil grade		API SE, SF, SE-SF, SE-SF-CC or SG-CD SAE 10W-30, 10W40
Total quantity	cm ³ (US oz, imp oz)	500 (16.9, 17.6)



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Gear oil Gear oil grade Total quantity		cm ³ (US oz, imp oz)	Hypoid gear oil SAE# 90 100 (3.4, 3.5)
BRACKET			
Tilt angle	Degree		4, 8, 12, 16, 20
Tilt-up angle	Degree		76
Steering angle	Degree		360
Sallow water cruising angle	Degree		30, 42, 54
DRIVE UNIT			
Gear positions			F-N-R (Forward-Neutral-Reverse)
Gear ratio			2.08 (27:13)
Gear type			Straight bevel gear
Propeller direction			Clockwise
Propeller drive system			Spline
Propeller series mark			BA