



GENERAL SPECIFICATIONS

Item	Unit	Model
		F100
DIMENSION		
Overall length	mm (in)	817 (32.2)
Overall width	mm (in)	479 (18.9)
Overall height		
(L)	mm (in)	1,582 (62.3)
(X)	mm (in)	1,710 (67.3)
WEIGHT		
(L)	kg (lb)	166 (366)
(X)	kg (lb)	169 (373)
PERFORMANCE		
Maximum output (ISO)	kW (hp) @ 5,500 r/min	73.6 (100)
Full throttle operating range	r/min	5,000 ~ 6,000
Maximum fuel consumption	L (US gal, Imp gal)/hr @ 6,000 r/min	31.0 (8.19, 6.82)
POWER UNIT		
Type		In-line, 4 stroke, DOHC, 16 valves
Number of cylinders		4
Displacement	cm ³ (cu. in)	1,596 (97.39)
Bore × stroke	mm (in)	79.0 × 81.4 (3.11 × 3.20)
Compression ratio		9.6:1
Minimum compression pressure	kPa (kgf/cm ² , psi)	950 (9.5, 135)
Number of carburetors		4
Control system		Remote control
Starting system		Electric motor
Ignition control system		CDI (Microcomputer)
Lighting coil		Stator
Lighting coil output	V - A @ 1,000 r/min V - A @ 6,000 r/min	12 - 12 12 - 20
Starting enrichment		PrimeStart
Spark plug model (manufacturer) × quantity		LFR5A-11 (NGK) × 4
Spark plug gap	mm (in)	1.1 (0.043)
Exhaust system		Propeller boss
Lubrication system		Wet sump
Lubrication oil pressure at 65 °C (149 °F), with 10W-30 engine oil	kPa (kgf/cm ² , psi) @ 850 r/min	320 (3.2, 45.5)



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FUEL AND OIL		
Fuel type		Unleaded regular gasoline
Fuel rating	PON *	86
	RON *	91
Engine oil type		4-stroke motor oil
Engine oil grade	API	SE, SF, SG, SH
	SAE	10W-30, 10W-40
Total quantity		
With oil filter	cm ³ (US oz, Imp oz)	4,700 (159, 165)
Without oil filter	cm ³ (US oz, Imp oz)	4,500 (152, 158)
Gear oil type		Hypoid gear oil
Gear oil grade	API	GL-4
	SAE	90
Total quantity	cm ³ (US oz, Imp oz)	670 (22.6, 23.6)
BRACKET		
Trim angle		-4 ~ 16
Tilt-up angle	Degree	70
Steering angle	Degree	35 + 35
DRIVE UNIT		
Gear positions		F-N-R
Gear ratio		2.31 (30:13)
Gear type		Spiral bevel gear
Propeller direction (rear view)		Clockwise
Propeller drive system		Spline
Propeller mark		K
ELECTRICAL		
Battery capacity	Ah (kC)	70 ~ 100 (252 ~ 360)
Minimum cold-cranking performance	A	380

* PON: Pump Octane Number = (Motor Octane Number + Research Octane Number)/2
 RON: Research Octane Number