

GENERAL SPECIFICATIONS

Item	Unit	Model	
		F75	F90
DIMENSION			
Overall length	mm (in)	817 (32.2)	
Overall width	mm (in)	479 (18.9)	
Overall height (L)	mm (in)	1,582 (62.3)	
WEIGHT			
(without propeller) (L)	kg (lb)	168 (370)	
PERFORMANCE			
Maximum output (ISO)	kW (hp) @ 5,500 r/min	55 (75)	66 (90)
Full throttle operating range	r/min	5,000 ~ 6,000	
Maximum fuel consumption	L (US gal, Imp gal)/h @ 6,000 r/min	28 (7.4, 6.2)	34 (9.0, 7.5)
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		8.9:1	
Minimum compression pressure	kPa (kgf/cm ² , psi)	950 (9.5, 135)	
Number of carburetors		4	
Control system		Remote control	
Starting system		Electric	
Ignition control system		CDI (microcomputer)	
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)		LFR5A-11 (NGK)	
Spark plug gap	mm (in)	1.0 ~ 1.1 (0.039 ~ 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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		F75	F90
FUEL AND OIL			
Fuel type		Unleaded regular gasoline	
Fuel rating	PON ^(*1)	86	
	RON	91	
Engine oil type		4-stroke motor oil	
Engine oil grade	API	SE, SF, SG, SH or SJ	
	SAE	10W-30, 10W-40	
Total quantity			
With oil filter	cm ³ (US oz, Imp oz)	4,500 (152, 158)	
Without oil filter	cm ³ (US oz, Imp oz)	4,300 (145, 151)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	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 minimum capacity			
CCA/SAE ^(*2)	A	380	
MCA/ABYC	A	502	
RC/SAE	Minute	124	

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

RON: Research Octane Number

(*2) CCA: Cold Cranking Ampere

SAE: Society of Automotive Engineers

MCA: Marine Cranking Ampere

ABYC: American Boat and Yacht Council

RC: Reserve Capacity