



**GENERAL SPECIFICATIONS**

Item	Unit	Model	
		F75	F90
<b>DIMENSION</b>			
Overall length	mm (in)	817 (32.2)	
Overall width	mm (in)	479 (18.9)	
Overall height (L)	mm (in)	1,582 (62.3)	
<b>WEIGHT</b>			
(without propeller) (L)	kg (lb)	168 (370)	
<b>PERFORMANCE</b>			
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)
<b>POWER UNIT</b>			
Type		In-line, 4 stroke, DOHC, 16 valves	
Number of cylinders		4	
Displacement	cm <sup>3</sup> (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 <sup>2</sup> , 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 <sup>2</sup> , psi) @ 850 r/min	320 (3.2, 45.5)	



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<b>FUEL AND OIL</b>			
Fuel type		Unleaded regular gasoline	
Fuel rating	PON <sup>(*1)</sup>	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 <sup>3</sup> (US oz, Imp oz)	4,500 (152, 158)	
Without oil filter	cm <sup>3</sup> (US oz, Imp oz)	4,300 (145, 151)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Total quantity	cm <sup>3</sup> (US oz, Imp oz)	670 (22.6, 23.6)	
<b>BRACKET</b>			
Trim angle		-4 ~ 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	35 + 35	
<b>DRIVE UNIT</b>			
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	
<b>ELECTRICAL</b>			
Battery minimum capacity			
CCA/SAE <sup>(*2)</sup>	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