



# GENERAL SPECIFICATIONS

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Item	Unit	Model			
		4AC (4MH)	4AS	4BC, 5C (5MH)	5CS
APPROVED MODEL NUMBER:		6E0		6E3	
DIMENSIONS:					
Overall length	mm(in)	677 (26.7)			
Overall width	mm(in)	322 (12.7)			
Overall height	S	1.011 (39.8)	978 (38.5)	1,011 (39.8)	978 (38.5)
	L	1.138 (44.8)	1.105 (43.5)	1,138 (44.8)	1,105 (43.5)
Boat transom height	S	381 (15.0)			
	L	508 (20.0)			
O/M transom height	S	444 (17.5)			
	L	571 (22.5)			
Weight (Al.)	S	21.0 (46.0)	20.5 (45.0)	21.0 (46.0)	20.5 (45.0)
	L	21.5 (47.0)	21.0 (46.0)	21.5 (47.0)	21.0 (46.0)
PERFORMANCE:					
Full throttle speed range	rpm	4,500 ~ 5,500			
Output (ISO)	kW(hp)/rpm L/h	2.9 (4.0)/5,000		3.7(5.0)/5,000	
Maximum fuel consumption	(US gal, Imp gal)	2.2/5,500 (0.58, 0.48)		2.8/5,500 (0.74, 0.62)	
ENGINE:					
Engine type		2-stroke			
Cylinders arrangement		1			
Total displacement	cm <sup>3</sup> (cu. in)	83 (5.07)		103 (6.29)	
Bore × stroke	mm × mm (in × in)	50 × 42 (1.97 × 1.65)		54 × 45 (2.13 × 1.77)	
Compression ratio		7.0 : 1		6.5 : 1	
Compression pressure	kPa (kg/cm <sup>2</sup> , psi)	556 ~ 680 (5.7 ~ 6.9, 78 ~ 96)		795 ~ 971 (8.1 ~ 9.9, 113 ~ 138)	
Carburetors number		1 Carb.			
Intake system		Reed valve			
Scavenging system		Cross flow			
Starting system		Manual recoil starter			
Ignition system		CDI			
Alternator output		—			
Carburetor starting system		Choke valve type			
Advance type		Electric automatic			



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<b>SPARK PLUG:</b> Type [Manufacture] Standard type Noise suppressor type Exhaust system Cooling system Lubrication system		B7HS [NGK] BR7HS [NGK] Under water Water Pre-mixed (fuel and oil)			
<b>FUEL AND LUBRICATION:</b> Fuel type Fuel rating Fuel tank capacity Mixing ratio Engine oil type Engine oil grade Gear oil type Gear oil quantity	P.O.N.*1 ℓ (US gal, Imp gal)  cm <sup>3</sup> (US oz, imp oz)	Regular gasoline Min. 86 2.8 (0.74, 0.62) — 2.8 (0.74, 0.62) — 100 : 1 Yamaha twocycle outboard motor oil *2 NMMA TC-W3*3 Hypoid gear oil-SAE#90*4 100 (3.38, 3.52)			
<b>BRACKET:</b> Tilt angle Tilt-up angle Shallow water crusing angle Steering angle (left + right)	degree degree degree degree	4, 8, 12, 16, 20 76 30, 42, 54 360°			
<b>DRIVE UNIT:</b> Gear shift position Gear ratio Gear type Clutch type Propeller direction (rear view) Propeller drive system Propeller series mark		F-N-R*5 13 : 27 (2.08) Straight bevel gear Clutch dog Clockwise Spline BA			

\*1: Pump Octane Number; (Research octane + Motor octane)/2

\*2: YAMALUBE two-cycle outboard motor oil is recommended in USA.

YAMALUBE 1 two-cycle outboard motor oil is recommended in CANADA.

\*3: TC-W3 is recommended in USA and CANADA.

TC-WII or TC-W3 is recommended in except for USA and CANADA.

\*4: GEAR CASE LUBE is recommended in USA.

\*5: Forward-Neutral-Reverse