



GENERAL SPECIFICATIONS

Item	Unit	Model				
		4AC	4AS	5C	5CS	
APPROVED MODEL NUMBER:		6E0		6E3		
DIMENSIONS:						
Overall length	mm(in)	677 (26.7)				
Overall width	mm(in)	322 (12.7)				
Overall height	S	mm(in)	1.011 (39.8)	978 (38.5)	1,011 (39.8)	978 (38.5)
	L	mm(in)	1.138 (44.8)	1.105 (43.5)	1,138 (44.8)	1,105 (43.5)
Boat transom height	S	mm(in)	381 (15.0)			
	L	mm(in)	508 (20.0)			
O/M transom height	S	mm(in)	444 (17.5)			
	L	mm(in)	571 (22.5)			
Weight (Al.)	S	kg(lb)	21.0 (46.0)	20.5 (45.0)	21.0 (46.0)	20.5 (45.0)
	L	kg(lb)	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	3.0(4.0)/5,000		3.7(5.0)/5,000		
		2.2/5,500		2.8/5,500		
Maximum fuel consumption	(US gal, Imp gal)	(0.58, 0.48)		(0.74, 0.62)		
ENGINE:						
Engine type		2-stroke				
Cylinders arrangement		1				
Total displacement	cm ³ (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 ² , 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				



Item	Unit	Model			
		4AC	4AS	5C	5CS
SPARK PLUG: Type [Manufacture] Standard type Noise suppressor type Exhaust system Cooling system Lubrication system		B7HS [NGK] (Except for CANADA and EUROPE) BR7HS [NGK] (For CANADA and EUROPE) Under water Water Pre-mixed (fuel and oil)			
FUEL AND LUBRICATION: 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)	Regular gasoline Min. 86			
		2.8 (0.74, 0.62)	12.0/14.0 (3.17/3.70, 2.64/3.08)	2.8 (0.74, 0.62)	12.0/14.0 (3.17/3.70, 2.64/3.08)
	cm ³ (US oz, imp oz)	100 : 1 Yamaha twocycle outboard motor oil *2 NMMA TC-W3*3 Hypoid gear oil-SAE#90*4 100 (3.38, 3.52)			
BRACKET: 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°			
DRIVE UNIT: 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 octance + 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