



GENERAL SPECIFICATIONS

Item	Unit	Model			
		25VM	25VE	30GM	30GE
World wide		25VM	25VE	30GM	30GE
USA		—	—	—	C30ER
Canada		C25MH	—	C30MH	—
Approved model No.:		61R		61T	
Dimensions:					
Overall length	mm (in)	849 (33.4)	609 (24.0)	849 (33.4)	609 (24.0)
Overall width	mm (in)	466 (18.3)	358 (14.1)	399 (15.7)	358 (14.1)
Overall height	(S)	1,141 (44.9)			
	(L)	1,268 (49.9)			
	(UL)	1,354 (53.5)	—		
Boat transom height	(S)	381 (15.0)			
	(L)	508 (20.0)			
	(UL)	635 (25.0)	—		
Weight	(S)	52.0 (114.6)	55.5 (122.4)	52.0 (114.6)	55.5 (122.4)
	(L)	53.5 (117.9)	57 (125.6)	53.5 (117.9)	57 (125.6)
	(UL)	55.5 (122.4)	—		
Performance:					
Maximum output	kW(hp) @ r/min	18.4 (25)/5,000	22.1 (30)/5,000		
Speed range at full-throttle	r/min	4,500~5,500			
Maximum fuel consumption at 5,500 r/min	ℓ /h (US gal, Imp gal)	12 (3.17, 2.64)		13 (3.43, 2.86)	
Engine:					
Engine type	cm ³ (cu. in) mm × mm (in × in)	Water cooled 2-stroke			
Cylinders arrangement		Inline 2			
Total displacement		496 (30.3)			
Bore and stroke		72 × 61 (2.83 × 2.40)			
Compression ratio		6.2		7.0	
Number of carburetor		1			
Intake system		Reed valve			
Scavenging system		Loop charge			
Starting system		Manual starter	Manual and Electric starter	Manual starter	Manual and Electric starter
Ignition system		C.D.I.			
Alternator output		12V-80W for lighting	12V-6A for charging (with Rectifier)	12V-80W for lighting	12V-6A for charging (with Rectifier)
Spark advance type		Mechanical			
Carburetor starting system		Choke valve type			
Spark plug (NGK)		BR7HS-10 (For EUROPE, CANADA and CHINA) B7HS-10 (Except for EUROPE, CANADA and CHINA)		BR8HS-10 (For CANADA, EUROPE, CHINA and SOUTH AFRICA) B8HS-10 (Except for CANADA, EUROPE, CHINA and SOUTH AFRICA)	
Exhaust system		Propeller boss			
Cooling system		Water			
Lubrication system		Pre-mixed (Gasoline & oil)			



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Fuel and lubrication: Fuel rating Fuel tank capacity Mixing ratio Engine oil type Gear oil type Gear oil capacity	P.O.N.*1 ℓ (US gal, Imp gal) cm ³ (US oz, Imp oz)	Min. 86 24 (6.34, 5.28) 100 : 1 Yamaha two-cycle outboard motor oil*2 Hypoid gear oil SAE #90*3 320 (10.81, 11.27)			
Bracket: Trim angle Tilt-up angle Shallow water cruising angle Steering angle (right and left)	Degree Degree Degree Degree	4, 8, 12, 16, 20 76 Tilt angle+20 40			
Drive unit: Gear shift position Gear ratio Reduction system Clutch type Propeller direction (rear view) Propeller drive system		Forward—Neutral—Reverse 13 : 27 (2.08) Spiral bevel gear Dog clutch Clockwise Spline			
Propeller: Series mark		F			

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

*2: YAMALUBE 2 two stroke outboard motor oil is recommended in USA.

YAMALUBE 1 two stroke outboard motor oil is recommended in CANADA.

*3: GEAR CASE LUBE is recommended in USA.