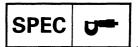


## GENERAL SPECIFICATIONS

## 1. GENERAL SPECIFICATIONS

	1	Model		
Item	Unit	СЗОМН	C30ER	
Dimensions: Overall length	mm (in)	606 (23.9)		
Overall width	mm (in)	466 (18.3)	358 (14.1)	
(L Boat transom height	S) mm (in) L) mm (in) L) mm (in) L) mm (in)	 1,268 (49.9)   508 (20.0)		
(LL) Weight (S)	L) mm (in) S) kg (lb)	53.5 (117.9) 57 (125.6)		
1	L) kg (lb) L) kg (lb)	55.5 (117.9)	97 (125.0)	
Performance: Maximum output Speed range at full-throttle Maximum fuel consumption at 5500 rpm	kW (hp)/rpm rpm ℓ/h (US gal, Imp gal)	22.4 (30)/5,000 4,500~5,500 13 (3.43, 2.86)		
Engine: Engine type Cylinders arrangement Total displacement Bore and stroke  Compression ratio Number of carburetor Intake system Scavenging system	cm³ (cu.in) mm×mm (in×in)	Water cooled 2-stroke Inline 2 496 (30.3) 72 × 61 (2.83 × 2.40) 7.0 1 Reed valve Loop charge		
Starting system	·	Manual starter	Manual and Electric starter	
Ignition system			C.D.I.	
Alternator output		12V-80W for lighting lamp	12V-6A for charging (with Rectifire)	
Spark advance type Carburetor starting system Spark plug (NG	()	Mechanical Choke valve type B8HS-10 (USA) BR8HS-10 (CANADA)		
Exhaust system Cooling system Lublication system		Propeller boss Water Pre-mixed (Gasoline & oil)		



## **GENERAL SPECIFICATIONS**



ltem	Unit	Model	
		СЗОМН	C30ER
Fuel and lubrication: Fuel rating Fuel tank capacity Mixing ratio Engine oil type Engine oil grade Gear oil type Gear oil capacity	P.O.N.*1 ℓ (US gal, Imp gal) cm³ (US oz, Imp oz)	Min. 86 24 (6.34, 5.28) 100 : 1 2 stroke outboard motor oil*2 NMMA TCW II 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 75 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	
Electrical: Recommended battery capacity Cold cranking	Ampere-hour (kC*4)	40 (144) 210	

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

<sup>\*2 :</sup> YAMALUBE 2 two stroke outboard motor oil is recommended in USA. YAMALUBE 1 two stroke outboard motor oil is recommended in CANADA.

<sup>\*3 :</sup> GEAR CASE LUBE is recommended in USA.

<sup>\*4 :</sup> Kilo-coulomb