



**GENERAL SPECIFICATIONS**

Item	Unit	Model	
		9.9C	15C
<b>Dimensions</b>			
Overall length	mm (in)	873 (34.4)	
Overall width	mm (in)	332 (13.1)	
Overall height	mm (in)	1,040 (40.9)	
Transom height	mm (in)	440 (17.3)	
Boat transom height	mm (in)	381 (15.0)	
<b>Dry weight</b>	kg (lb) (*1)	36.0 (79)	
<b>Performance</b>			
Maximum output	kW (hp) @ 5,000 r/min	7.3 (9.9)	11.0 (15)
Full throttle operating range	r/min	4,500-5,500	
Maximum fuel consumption	L (US gal, Imp gal)/hr	5.1 (1.3, 1.1) @ 5,500 r/min	7.3 (1.9, 1.6) @ 5,500 r/min
Idle speed	r/min	700-800	
<b>Power unit</b>			
Engine type		2-stroke, Twin	
Total displacement	cm <sup>3</sup> (cu. in)	446.0 (15.01)	
Bore x stroke	mm (in)	56.0 × 50.0 (2.20 × 1.97)	
Compression ratio		6.80 :1	
Control system		Tiller handle	
Starting system		Manual starter	
Enrichment system		Choke valve	
Ignition control system		CDI	
Ignition timing	Degree	ATDC 5.0-BTDC 30.0	
Maximum generator output	V-W	12-80	12-40/80
Spark plug	(NGK)	B7HS-10	
Cooling system		Water	
Exhaust system		Propeller boss	
Lubrication system		Pre-mixed fuel and oil (100:1)	
<b>Fuel and oil</b>			
Fuel type		Regular gasoline	
Engine oil		2-stroke outboard motor oil	
Engine oil grade	NMMA-certified	TC-W3	
Gear oil type		Hypoid gear oil	
Gear oil grade (*2)	API SAE	GL-4 90	
Gear oil quantity	cm <sup>3</sup> (US oz, Imp oz)	250.0 (8.45, 8.82)	

(\*1) With Aluminum propeller

(\*2) Meeting both API and SAE requirements



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<b>Bracket unit</b>			
Tilt angle	Degree	8.0, 12.0, 16.0, 20.0	
Tilt-up angle	Degree	67.0	
Steering angle	Degree	45.0 + 45.0	
<b>Drive unit</b>			
Gear shift positions		F-N-R	
Gear ratio		2.08 (27/13)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	
Propeller ID mark		J	