



**GENERAL SPECIFICATIONS**

Item	Unit	Model	
		E48MH*1 E48C	— E55C
APPROVED MODEL CODE:		670	663
STARTING SERIAL NUMBER:			
S		010831~	272904~
L		377728~	—
<b>DIMENSIONS:</b>			
Overall length	mm (in)	1,167 (45.9)	
Overall width	mm (in)	332 (13.1)	
Overall height	S mm (in)	1,258 (49.5)	
	L mm (in)	1,380 (54.3)	—
Boat transom height	S mm (in)	381 (15.0)	
	L mm (in)	508 (20.0)	—
O/M transom height	S mm (in)	451 (17.8)	
	L mm (in)	572 (22.5)	—
Weight (Al.)	S kg (lb)	83 (183)	88 (194)
	L kg (lb)	85 (187)	90 (198)
<b>PERFORMANCE:</b>			
Full throttle speed range	rpm	4,500~5,500	
Output (ISO)	kW(hp)/rpm	35.8 (48)/5,000	41 (55)/5,000
Maximum fuel consumption	L (US gal, Imp gal)/h at rpm	21 (5.5, 4.6) at 5,500	24 (6.3, 5.3) at 5,500
<b>ENGINE:</b>			
Engine type		2-stroke	
Cylinders arrangement		Inline 2	
Total displacement	cm <sup>3</sup> (cu. in)	760 (46.4)	
Bore × stroke	mm × mm (in × in)	82 × 72 (3.2 × 2.8)	
Compression ratio		6.5 : 1	
Compression pressure	kPa (kg/cm <sup>2</sup> , psi)	637 (6.37, 90.6)	
Carburetors number		2 Carb.	
Intake system		Reed valve	
Scavenging system		Loop charge	
Starting system		Manual	
Ignition system		CDI	
Alternator output		12V-80W	
Carburetor starting system		Choke valve type	
Advancer type		Mechanical	

\*1: For USA and CANADA



Item	Unit	Model			
		— 55BM	C55ER*1 55BE	— 55BEM	C55TR*1 55BET
APPROVED MODEL CODE:		663			
STARTING SERIAL NUMBER:		252001~	004803~	—	—
	S	—	329002~	502490~	721947~
	L				
<b>DIMENSIONS:</b>					
Overall length	mm (in)	1,167 (45.9)	690 (27.2)	1,167 (45.9)	690 (27.2)
Overall width	mm (in)	332 (13.1)			
Overall height	S mm (in)	1,258 (49.5)	1,181 (46.5)	—	
	L mm (in)	—		1,303 (51.3)	
Boat transom height	S mm (in)	381 (15.0)		—	
	L mm (in)	—		508 (20.0)	
O/M transom height	S mm (in)	451 (17.8)	399 (15.7)	—	
	L mm (in)	—		520 (20.5)	
Weight (Al.)	S kg (lb)	91.5 (202)	89 (196)	—	
	L kg (lb)	—	91 (201)	94.7 (209)	99 (218)
<b>PERFORMANCE:</b>					
Full throttle speed range	rpm	4,500~5,500			
Output (ISO)	kW(hp)/rpm	41 (55)/5,000			
Maximum fuel consumption	L (US gal, Imp gal)/h at rpm	24 (6.3, 5.3) at 5,500			
<b>ENGINE:</b>					
Engine type		2-stroke			
Cylinders arrangement		Inline 2			
Total displacement	cm <sup>3</sup> (cu. in)	760 (46.4)			
Bore × stroke	mm × mm (in × in)	82 × 72 (3.2 × 2.8)			
Compression ratio		6.5 : 1			
Compression pressure	kPa (kg/cm <sup>2</sup> , psi)	912 (9.12, 129.7)			
Carburetors number		2 Carb.			
Intake system		Reed valve			
Scavenging system		Loop charge			
Starting system		Manual	Electric		
Ignition system		CDI			
Alternator output		12V-6A			
Carburetor starting system		Choke valve type			
Advancer type		Mechanical			

\*1: For USA and CANADA



Item	Unit	Model	
		E48MH*1 E48C	— E55C
<b>SPARK PLUG:</b> Type [Manufacture] Standard type Spark plug with resistance type Exhaust system Cooling system Lubrication system		B7HS [NGK] BR7HS [NGK]	B8HS [NGK] BR8HS [NGK]
<b>FUEL AND LUBRICATION:</b> Fuel type Fuel rating Fuel tank capacity (separate) Mixing ratio Engine oil type/grade Gear oil type Gear oil quantity	P.O.N.*2 ℓ (US gal, Imp gal) cm <sup>3</sup> (US oz, Imp oz)	Regular gasoline Min. 86 24 (6.34, 5.28) 50 : 1 YAMALUBE, TWO STROKE MOTOR OIL FOR MARINE or an equivalent TC-W3 certified outboard oil*3 Hypoid gear oil-SAE#90*4 500 (16.9, 17.6)	
<b>BRACKET:</b> Tilt angle Tilt-up angle Trim angle Steering angle (left+right)	degree degree degree degree	8, 12, 16, 20, 24 64 — 30+30	
<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 1.85 (24/13) Spiral bevel gear Dog clutch Clockwise Spline G	
<b>ELECTRICAL:</b> Battery capacity Cold cranking	Ah (kC)*6 Amps	— —	

\*1: For USA and CANADA

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

\*3: YAMALUBE 2 STROKE OUTBOARD OIL or an equivalent TC-W3 certified outboard oil is recommended in USA.

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

\*5: Forward-Neutral-Reverse

\*6: Kilo-coulomb



Item	Unit	Model			
		— 55BM	C55ER*1 55BE	— 55BEM	C55TR*1 55BET
SPARK PLUG: Type [Manufacture] Standard type		B8HS [NGK]	B8HS-10 [NGK] (Except for Can. and Eur.) BR8HS-10 [NGK] (For Can. and Eur.)	BR8HS-10 [NGK] (For Eur.)	B8HS-10 [NGK] (Except for Can. and Eur.) BR8HS-10 [NGK] (For Can. and Eur.)
Spark plug with resistance type		BR8HS [NGK]	BR8HS-10 [NGK]		
Exhaust system Cooling system Lubrication system		Through prop boss Water Pre-mixed (fuel and oil)			
FUEL AND LUBRICATION: Fuel type Fuel rating Fuel tank capacity (separate)*3	P.O.N.*2 ℓ (US gal, Imp gal)	Regular gasoline Min. 86 24 (6.34, 5.28)			
Mixing ratio		50 : 1	100 : 1 (For Eur. and Oceania) 50 : 1 (standard)		
Engine oil type/grade Gear oil type Gear oil quantity	cm <sup>3</sup> (US oz, Imp oz)	YAMALUBE, TWO STROKE MOTOR OIL FOR MARINE or an equivalent TC-W3 certified outboard oil*4 Hypoid gear oil-SAE#90*5 500 (16.9, 17.6)			
BRACKET: Tilt angle	degree	8, 12, 16, 20, 24			—
Tilt-up angle	degree	68			
Trim angle	degree	—			-4~15 (at 12° transom)
Steering angle (left+right)	degree	30+30			
DRIVE UNIT: Gear shift position Gear ratio Gear type Clutch type Propeller direction (rear view) Propeller drive system Propeller series mark		F-N-R*6 1.85 (24/13) Spiral bevel gear Dog clutch Clockwise Spline G			
ELECTRICAL: Battery capacity Cold cranking	Ah (kC)*7 Amps	— —	12V 70 (252) 380		

\*1: For USA and CANADA

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

\*3: Except for CANADA

\*4: YAMALUBE 2 STROKE OUTBOARD OIL or an equivalent TC-W3 certified outboard oil is recommended in USA.

\*5: GEAR CASE LUBE is recommended in USA.

\*6: Forward-Neutral-Reverse

\*7: Kilo-coulomb