



GENERAL SPECIFICATIONS

Item	Unit	Model
		CV40E
Overall length	mm (in.)	671 (26.4)
Overall width	mm (in.)	370 (14.5)
Overall height (L)	mm (in.)	1,370 (53.9)
Boat transom height (L)	mm (in.)	549 (21.6)
Weight (L)	kg (lb.)	67 (147.7)
Maximum output	KW (HP) at r/min	29.8 (40)/5,000
Speed range at full-throttle	r/min	4,500 ~ 5,500
Maximum fuel consumption	ℓ (US gal)/h	17.5 (4.62)
Engine type		Water Cooled 2-stroke
Number of cylinder		2
Total displacement	cm ³ (cu.in)	592 (36.11)
Bore and stroke	mm (in.)	75 × 67 (2.95 × 2.64)
Compression ratio		6.5 : 1
Spark plug (NGK)		B-8HS
Number of carburettor		2
Carburettor starting system		Choke
Intake system		Reed valve
Scavenging system		Schnürle (Loop charged)
Exhaust system		Propeller boss
Lubrication system		Pre-mixed
Cooling system		Water
Ignition system		C.D.I.
Starting system		Electric and Manual
Fuel		Regular-gasoline
Fuel tank capacity	ℓ (US gal)	24 (6.34)
Mixing ratio		100 : 1
Engine oil type		Yamalube two-cycle
Engine oil grade		TC-W
Gear oil type		Hypoid (SAE 90)
Gear oil quantity	cm ³ (US oz)	315 (10.64)
Trim angle	Degree	8°, 12°, 16°, 20, 24
Tilt-up angle	Degree	75°
Shallow water angle	Degree	—
Steering angle	Degree	45°



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Transmission Gear ratio Reduction system Clutch type		Forward-Neutral-Reverse 2.0 (26/13) Spiral Bevel Gear Dog clutch
Propeller direction Propeller drive system Propeller series mark Propeller : (Number of blade × diameter × pitch)	in	Clockwise Spline G Aluminium propeller 3 × 10-3/4 × 16 3 × 10-3/4 × 17 3 × 11 × 15 3 × 11-1/8 × 13 3 × 11-1/4 × 14 3 × 11-3/8 × 12 3 × 11-5/8 × 11 3 × 11-3/4 × 10 3 × 12-1/4 × 9 Stainless propeller 3 × 10-1/4 × 14 3 × 10-1/4 × 15 3 × 10-1/4 × 16 3 × 11-1/2 × 13 3 × 11-3/4 × 12 3 × 12 × 11