



C20000-0*

GENERAL SPECIFICATIONS

Item	Unit	Model
		CV85E
Overall length	mm (in)	725 (28.5)
Overall width	mm (in)	380 (15.0)
Overall height (L)	mm (in)	1,425 (56.1)
Boat transom height (L)	mm (in)	515 (20.3)
Weight (L)	kg (lb)	111 (244.7)
Maximum out put	KW (hp)/rpm	62.5 (85)/5,500
Speed range at full-throttle	rpm	4,500 ~ 5,500
Maximum fuel consumption	ℓ/h (US gal)	35 (9.24)
Engine type	Stroke	2
Number of cylinders		3
Total displacement	cm ³ (cu.in)	1,140 (69.5)
Bore and stroke	mm × mm (in)	82 × 72 (3.23 × 2.83)
Compression ratio		5.2 : 1
Spark plug [NGK]		B8HS-10
Carburetor		3
Carburetor starting system		Choke
Intake system		Reed valve
Scavenging system		Schnurle (Loop charged)
Exhaust system		Propeller boss
Lubrication system		Pre-mix
Cooling system		Water
Ignition system		C.D.I.
Starting system		Electric
Fuel		Regular gasoline
Fuel tank capacity	ℓ (US gal)	24 (6.34)
Mixing ratio		50 : 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)	610 (20.6)
Tilt angle	Degree	8°, 12°, 16°, 20°, 24°
Tilt-up angle	Degree	76°
Steering angle	Degree	60°
Transmission		F-N-R
Gear ratio		26/13 (2.00)
Reduction system		Spiral bevel gear
Clutch type		Clutch dog
Propeller direction		Clockwise
Propeller drive system		Spline
Propeller type		K (p)



Item	Unit	Model
		CV85E
Propeller: No. of blades × diameter × pitch Aluminum propeller	in	K type 3 × 12 – 5/8 × 21 3 × 13 × 19 3 × 13 × 23 3 × 13 – 1/4 × 17 3 × 13 – 1/2 × 15 3 × 13 – 5/8 × 13 3 × 14 × 11
Stainless propeller:	in	K type 3 × 13 × 17 3 × 13 × 19 3 × 13 × 21 3 × 13 × 23 3 × 13 × 25 3 × 13 – 1/2 × 14 3 × 13 – 1/2 × 16
High performance propeller:	in	P type 3 × 14 × 20 3 × 14 × 22 3 × 14 × 24 3 × 14 × 26 3 × 14 × 28