85A

MODEL CODE
(Approved code)

85A	688 (688K)

MODELS AVAILABLE

Tiller Handle

85A	EHD

Remote Control

85A	ET, ED



85A

Dry weight
111 – 124 kg

SPECIFICATIONS

Performance	85A
Max. prop shaft output	62.5 kW (85 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	750 – 850 r/min
Fuel consumption	35.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	1140 cm^3
Bore × stroke	82.0 × 72.0 mm
Compression ratio	5.1 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	3 carburetors
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 2.0 – BTDC 24.0 deg.
Spark plug	B8HS-10
Alternator	10 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	Manual: 5 positions, PTT: — (continuously variable)
Shallow water drive	ET: PTT: variable position EHD, ED: Hydro: —
Steering angle	30 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	ET, ED: L, X / EHD: L, Y
Engine transom height	L: 521 mm (20.5 in), Y: 572 mm (22.5 in), X: 647 mm (25.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	85A EHD	85A ET	85A ED
Security	Start in gear protection	●	—	—
	Engine stop switch lanyard	●	—	—
	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Low oil level warning	—	—	—
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Chrome plated water pump housing	—	—	—
	Stainless steel water tube	—	—	—
	Multiple anode	●	●	●
Power unit	Carburetor	●	●	●
	Primestart	—	—	—
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	●	●
	Remote control (electric start model)	—	●	●
Convenience	Shallow water drive	—	●	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	85A EHD	85A ET	85A ED
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	●	●

REMOTE CONTROL BOX	85A EHD	85A ET	85A ED
703 / 704 remote control	—	●	●

INSTRUMENTS	85A EHD	85A ET	85A ED
6Y5 instruments	—	—	—
6Y7 instruments	—	●	●

PROPELLER	85A EHD	85A ET	85A ED
Standard propeller	K	K	K
TALON propeller	K	K	K
TALON SS propeller	K	K	K
TALON SS4 propeller	K	K	K
TALON PONTOON propeller	K	K	K
TALON GP propeller	K	K	K
"Pro" propeller	—	—	—

CONSUMES	85A EHD	85A ET	85A ED
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●