F300D
FL300D

Fuel Injection
Digital Network
Digital Electronic Control
Commercial



F300D

MODEL CODE
(Approved code)

F300D	6JD (6JD)
FL300D	6JE (6JE)

MODELS AVAILABLE

Remote Control	
F300D / FL300D	ET

Dry weight
269 – 276 kg

SPECIFICATIONS

Performance	F300D / FL300D
Max. prop shaft output	220.6 kW (300 ps)
Full throttle operating range	5000 – 6000 r/min
Idling speed	650 – 750 r/min
Fuel consumption	(105.0 L/h @5500 r/min ∗reference data)

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm^3
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L/ 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	70 A (battery charging: 55 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.73 (26/15)
Gear oil capacity	1.480 L / 1.328 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U
Engine transom height	X: 642 mm (25.3 inch), U: 769 mm (30.3 inch)

MODEL CATEGORY

PURPOSE OF USE		F300D	FL300D
Purpose	General	—	—
	Commercial use	●	●
	Bass fishing	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F300D	FL300D
Environment	Fuel vaporize control system	●	●
	Fuel vapor accumulation system	●	●
	Hydro-carbon gas burning system	●	●
Security	Over rev. limiter	●	●
	Overheat warning	●	●
	Anti knocking control	●	●
	Low oil press. warning	●	●
	Fail safe system	●	●
	Immobilizer adaptation	●	●
	YDIS interface	●	●
	Dual water inlet	●	●
	Prop damper cooler	●	●
Corrosion prevention	Stainless steel water pump housing	●	●
	Anodic coated muffler	●	●
	Freshwater flushing device	●	●
Power unit	Fuel injection	●	●
	Gasoline	Regular	Regular
	Plasma fused sleevles cylinder	●	●
	Variable cam timing	●	●
Control system	Digital Electronic Control	●	●
	Digital network system (optional)	●	●
	Digital network system Ⅱ (optional)	●	●
	One-touch start/stop control	●	●
	Variable trolling switch adaptation	●	●
Convenience	Tilt lock lever	●	●
	Battery isolator (output)	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F300D ET	FL300D ET
Tilt limitter	●	●
Immobilizer	●	●
Steering guide attachment	●	●

RIGGING ACCESSORY	F300D ET	FL300D ET
6X6 remote control	●	●
6X7 remote control	●	●
6Y8 instruments	●	●
6YC instruments	●	●
CL7 instruments	●	●

PROPELLER	F300D ET	FL300D ET
Standard propeller	—	—
"RELIANCE" propeller	—	—
"SALTWATER Ⅱ" propeller	—	—
"SALTWATER HS4" propeller	—	—
"SALTWATER XL" propeller	X	XL
"SALTWATER XL4" propeller	X	XL

CONSUMES	F300D ET	FL300D ET
Yamalube 4	●	●
Yamalube gear oil (GL5)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

F225H/FL225H
F250L/FL250L
F300C/FL300C

Fuel Injection
Digital Network



F300C

MODEL CODE
(Approved code)

F225H	6HB (6HB)
FL225H	6HC (6HC)
F250L	6HD (6HD)
FL250L	6HE (6HE)
F300C	6JA (6JA)
FL300C	6JB (6JB)

MODELS AVAILABLE

Remote Control	
F225H / FL225H	ET
F250L / FL250L	ET
F300C / FL300C	ET

Dry weight
257 kg

SPECIFICATIONS

Performance	F225H / FL225H	F250L / FL250L	F300C / FL300C
Max. prop shaft output	165.5 kW (225 ps)	183.8 kW (250 ps)	220.6 kW (300 ps)
Full throttle operating range	5000 – 6000 r/min		
Idling speed	650 – 750 r/min		
Fuel consumption	75.5 L/h @5500 r/min *reference data	83.9 L/h @5500 r/min	96.6 L/h @5500 r/min

Engine	
Engine type	24-Valve, DOHC with VCT, 60 deg. V6
Displacement	4169 cm^3
Bore × stroke	96.0 × 96.0 mm
Compression ratio	10.3 :1
Starting enrichment	Fuel injection
Fuel induction system	Fuel injection
Lubrication system	Wet sump
Engine oil capacity	6.3 L/ 6.0 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	LFR6A-11
Alternator	50 A (battery charging: 35 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	32 deg. each direction
Gear shift	F-N-R
Gear ratio	1.75 (21/12)
Gear oil capacity	1.040 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X
Engine transom height	X: 643 mm (25.3 inch)

MODEL CATEGORY

PURPOSE OF USE		F225H FL225H	F250L FL250L	F300C FL300C
Purpose	General	●	●	●
	Bass fishing	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F225H FL225H	F250L FL250L	F300C FL300C
Environment	Fuel vaporize control system	●	●	●
	Fuel vapor accumulation system	●	●	●
	Hydro-carbon gas burning system	●	●	●
Security	Over rev. limiter	●	●	●
	Overheat warning	●	●	●
	Anti knocking control	●	●	●
	Low oil press. warning	●	●	●
	Fail safe system	●	●	●
	Immobilizer adaptation	●	●	●
	YDIS interface	●	●	●
	Dual water inlet	●	●	●
	Prop damper cooler	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●
	Anodic coated muffler	●	●	●
	Freshwater flushing device	●	●	●
Power unit	Fuel injection	●	●	●
	Gasoline	Regular	Regular	Premium
	Plasma fused sleevles cylinder	●	●	●
	Variable cam timing	●	●	●
Control system	Digital Electronic Control	—	—	—
	Digital network system (optional)	●	●	●
	Digital network system Ⅱ (optional)	—	—	—
	One-touch start/stop control	—	—	—
	Variable trolling switch adaptation	—	—	—
Convenience	Tilt lock lever	●	●	●
	Battery isolator (output)	—	—	—

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Tilt limitter	●	●	●	●	●	●
Immobilizer	●	●	●	●	●	●
Steering guide attachment	●	●	●	●	●	●

RIGGING ACCESSORY	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
703 remote control	●	●	●	●	●	●
704 remote control	●	●	●	●	●	●
6X3 remote control	●	●	●	●	●	●
6Y5 instruments	●	●	●	●	●	●
6Y7 instruments	●	●	●	●	●	●
6Y8 instruments	●	●	●	●	●	●
6YC instruments	●	●	●	●	●	●

PROPELLER	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Standard propeller	—	—	—	—	—	—
"RELIANCE SDS" propeller	M	ML	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML	M	ML
"SALTWATER" propeller	—	—	—	—	—	—
"SALTWATER Ⅱ SDS" propeller	T	TL	T	TL	T	TL
"SALTWATER HS4 SDS" propeller	T	TL	T	TL	T	TL

CONSUMES	F225H ET	FL225H ET	F250L ET	FL250L ET	F300C ET	FL300C ET
Yamalube 4	●	●	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●	●	●
Yamaha grease A	●	●	●	●	●	●
Yamaha grease D	●	●	●	●	●	●

F375A/FL375A
F425A/FL425A

Fuel Injection
Digital Network
Digital Electronic Control



F425A

MODEL CODE
(Approved code)

F375A	6GT (6GT)
FL375A	6GU (6GU)
F425A	6GR (6GR)
FL425A	6GS (6GS)

MODELS AVAILABLE

Remote Control	
F375A / FL375A	ST
F425A / FL425A	ST

Dry weight
442 – 463 kg

SPECIFICATIONS

Performance	F375A / FL375A	F425A / FL425A
Max. prop shaft output	279.6 kW (375 HP)	316.9 kW (425 HP)
Full throttle operating range	5000 – 6000 r/min	
Idling speed	650 – 750 r/min	
Fuel consumption	(121.0 L/h @6000 r/min *reference data	142.0 L/h @6000 r/min)

Engine	
Engine type	32-Valve, DOHC with VCT, 60 deg. V8
Displacement	5559 cm^3
Bore × stroke	96.0 × 96.0 mm
Compression ratio	12.2 :1
Starting enrichment	Fuel injection
Fuel induction system	Direct fuel injection
Lubrication system	Wet sump
Engine oil capacity	7.8 L/ 7.5 L (with / without oil filter replacement)
Ignition system	TCI
Ignition timing	—
Spark plug	ILMAR7E-9
Alternator	104 A (battery charging: 79 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	31 deg. each direction
Gear shift	F-N-R
Gear ratio	1.79 (25/14)
Gear oil capacity	1.950 L / 1.830 L
Propeller fitting	Spline
Propeller rotation	Clockwise / Counter clockwise
Shaft length	X, U, E
Engine transom height	X: 640 mm (25.2 inch), U: 767 mm (30.2 inch), E: 894 mm (35.2 inch)

MODEL CATEGORY

PURPOSE OF USE		F375A	FL375A	F425A	FL425A
Purpose	General	●	●	●	●
	Commercial use	—	—	—	—
	High thrust	—	—	—	—

FEATURE TABLE

CATEGORY	FEATURE ITEM	F375A	FL375A	F425A	FL425A
Environment	Hydro-carbon gas burning system	●	●	●	●
Security	Over rev. limiter	●	●	●	●
	Overheat warning	●	●	●	●
	Anti knocking control	●	●	●	●
	Low oil press. Warning	●	●	●	●
	Fail safe system	●	●	●	●
	Immobilizer adaptation	●	●	●	●
	YDIS interface	●	●	●	●
	Dual water inlet	●	●	●	●
Corrosion prevention	Stainless steel water pump housing	●	●	●	●
	Anodic coated muffler	●	●	●	●
	Freshwater flushing device (Dual)	●	●	●	●
Power unit	Fuel injection (Direct Injection)	●	●	●	●
	Gasoline	Premium	Premium	Premium	Premium
	Plasma fused sleevles cylinder	●	●	●	●
	Variable cam timing	●	●	●	●
	Dual chamber water pump	●	●	●	●
	Dual Chamber Oil Pump	●	●	●	●
Control system	Digital Electronic Control	●	●	●	●
	Digital Electronic Steering (Integrated)	●	●	●	●
	Digital network system Ⅱ(optional)	●	●	●	●
	One-touch start/stop control	●	●	●	●
	Variable trolling switch adaptation	●	●	●	●
Convenience	Tilt lock lever	●	●	●	●
	Battery isolator (output)	●	●	●	●
	In-water Gear Lube Change System	●	●	●	●
	Large Oil Drain Plug and Strainer	●	●	●	●
	Thrust Enhancing Exhaust Routing	●	●	●	●

— : N/A (Not available)

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	F375A ST	FL375A ST	F425A ST	FL425A ST
Tilt limitter	—	—	—	—
Immobilizer	●	●	●	●
Steering guide attachment	—	—	—	—

RIGGING ACCESSORY	F375A ST	FL375A ST	F425A ST	FL425A ST
6X6 remote control	●	●	●	●
6X7 remote control	●	●	●	●
6Y8 instruments	—	—	—	—
6YC instruments	—	—	—	—
CL7 instruments	●	●	●	●

PROPELLER	F375A ST	FL375A ST	F425A ST	FL425A ST
Standard propeller	—	—	—	—
"RELIANCE" propeller	—	—	—	—
"SALTWATER Ⅱ" propeller	—	—	—	—
"SALTWATER HS4" propeller	—	—	—	—
"SALTWATER XL" propeller	—	—	—	—
"SALTWATER XL4" propeller	—	—	—	—
"XTO OS" propeller	Y	Y	YL	YL

CONSUMES	F375A ST	FL375A ST	F425A ST	FL425A ST
Yamalube 4	●	●	●	●
Yamalube gear oil (GL5)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

HONDA

Exhaust Emission
★★★ : Carb 2008 3-star

Model	BF2.3	BF4	BF5	BF6
Max.prop shaft output	1.7 kW (2.3 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	57.2 cm³	127 cm³	127 cm³	127 cm³
Bore × stroke	45 × 36 mm	60 × 45 mm	60 × 45 mm	60 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	1 carburetor
Lubrication system	Oil slinger system	Wet sump	Wet sump	Wet sump
Ignition system	Transistorized	Digital CDI	Digital CDI	Digital CDI
Alternator	—	op6A	op6A	3A, op 6 A
Gear shift	360° pivot	F-N-R	F-N-R	F-N-R
Gear ratio	2.42:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	S: 418 mm, L: 571 mm	S: 434 mm, L: 561 mm	S: 434 mm, L: 561 mm	S: 434 mm, L: 561 mm
Dry weight	13 – 14 kg	27 – 27.5 kg	27 – 27.5 kg	27 – 27.5 kg

Model	BF8	BF9.9	BF10	BF15
Max.prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	7.4 kW (10 ps)	11.0 kW (15 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min
Engine type	SOHC In-line 2	SOHC In-line 2	OHV In-line 2	SOHC In-line 2
Displacement	222 cm^3	222 cm^3	222 cm^3	350 cm^3
Bore × stroke	58 × 42 mm	58 × 42 mm	58 × 42 mm	59 × 64 mm
Starting system	Electric/Manual	Electric/Manual	—	Electric/Manual
Fuel induction system	1 carburetor	1 carburetor	1 carburetor with accelerator pump	1 carburetor
Lubrication system	Wet sump	Wet sump	—	Wet sump
Ignition system	PGM-IG	PGM-IG	PGM-IG	PGM-IG
Alternator	Electric start: 12A, Manual start: 6A	Electric start: 12A, Manual start: 6A	6 A	Electric start: 12A, Manual start: 6A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.33:1	2.33:1	2.33:1	2.08:1
Trim & tilt	Mechanical, PT	Mechanical, PT	Manual	Mechanical, PT
Engine transom height	S: 381 mm, L: 508 mm, X: 635 mm	S: 381 mm, L: 508 mm, X: 635 mm	—	S: 381 mm, L: 508 mm X: 635 mm
Dry weight	42 – 48 kg	42 – 48 kg	42 – 52.5 kg	47 – 52 kg

Model	BF20	BF25	BF30	BF40
Max.prop shaft output	14.7 kW (20 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)	29.4 kW (40 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC In-line 2	SOHC, In-line 3	SOHC, In-line 3	SOHC In-line 3
Displacement	350 cm^3	552 cm^3	552 cm^3	808 cm^3
Bore × stroke	59 × 64 mm	61 × 63 mm	61 × 63 mm	70 × 70 mm
Starting system	Electric/Manual	Electric	Electric	Electric
Fuel induction system	1 carburetor	3 carburetors	3 carburetors	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	PGM-IG	PGM-IG	PGM-IG	Micro computer programmed
Alternator	Electric start: 12A, Manual start: 6A	10 A	10 A	22 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Mechanical, PT	PTT (Available)	PTT (Available)	PTT (Available)
Engine transom height	S: 381 mm, L: 508 mm	S: 381 mm, L: 508 mm	S: 381 mm, L: 508 mm	L: 508 mm
Dry weight	47 – 50 kg	70.5 – 72.5 kg	70.5 – 72.5 kg	97 kg

Model	BF50	BF60	BFP60	BF75
Max.prop shaft output	36.8 kW (50 ps)	44.1 kW (60 ps)	44.1 kW (60 ps)	55.2 kW (75 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC In-line 3	SOHC In-line 3, 12-valve	SOHC In-line 3, 12-valve	SOHC In-line 4, 16-valve
Displacement	808 cm^3	998 cm^3	998 cm^3	1,496 cm^3
Bore × stroke	70 × 70 mm	73 × 79.5 mm	73 × 79.5 mm	73 × 89.4 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	22 A	22 A	27 A	44 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.07:1	2.33:1	2.33:1
Trim & tilt	PTT (Available)	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	L: 521 mm, X: 648 mm	L: 531 mm, X: 658 mm	L: 508 mm
Dry weight	97 – 101 kg	108 – 114 kg	116 – 123 kg	163 kg

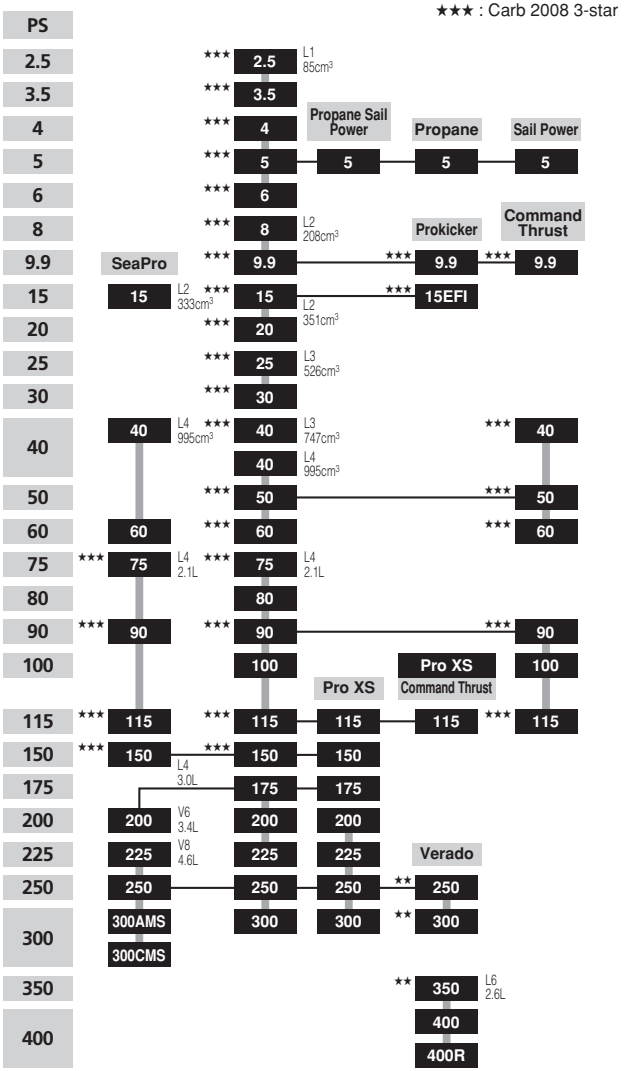
Model	BF80	BF90	BF100	BF115
Max.prop shaft output	58.8 kW (80 ps)	66.2 kW (90 ps)	73.6 kW (100 ps)	84.6 kW (115 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,500 – 6,300 r/min	4,500 – 6,000 r/min
Engine type	SOHC In-line 4	SOHC In-line 4, 16-valve	SOHC In-line 4, 16-valve	DOHC In-line 4, 16-valve
Displacement	1,496 cm^3	1,496 cm^3	1,496 cm^3	2,354 cm^3
Bore × stroke	73 × 89.4 mm	73 × 89.4 mm	73 × 89.4 mm	87 × 99 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	44 A	44 A	44 A	55 A
Gear shift	—	F-N-R	F-N-R	F-N-R
Gear ratio	2.33:1	2.33:1	2.33:1	2.14:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 537 mm, X: 664 mm	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	165 – 171 kg	163 – 166 kg	163 – 166 kg	217 – 220 kg

Model	BF135	BF150	BF175	BF200
Max.prop shaft output	99.3 kW (135 ps)	110.3 kW (150 ps)	128.7 kW (175 ps)	147.1 kW (200 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	DOHC In-line 4, 16-valve	DOHC In-line 4, 16-valve	SOHC, V6	SOHC, V6, 24-Valve
Displacement	2,354 cm^3	2,354 cm^3	3,583 cm^3	3,583 cm^3
Bore × stroke	87 × 99 mm	87 × 99 mm	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet sump	Wet sump	—	Wet Sump
Ignition system	Micro computer programmed	Micro computer programmed	Micro computer programmed	Micro computer programmed
Alternator	51 A	51 A	90 A	90 A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.14:1	2.14:1	2.00:1	2.00:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm	X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	217 – 220 kg	217 – 220 kg	287 kg	276 – 282 kg

Model	BF225	BF250
Max.prop shaft output	165.5 kW (225 ps)	183.9 kW (250 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, VTEC V6, 24-Valve	SOHC, VTEC V6, 24-Valve
Displacement	3,583 cm^3	3,583 cm^3
Bore × stroke	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection
Lubrication system	Wet Sump	Wet Sump
Ignition system	Micro computer programmed	Micro computer programmed
Alternator	90 A	90 A
Gear shift	F-N-R	F-N-R
Gear ratio	2.00:1	2.00:1
Trim & tilt	PTT	PTT
Engine transom height	L:508 mm, X:635 mm, XX:762 mm	L:508 mm, X:635 mm, XX:762 mm
Dry weight	276 – 286 kg	276 – 286 kg

MERCURY

Exhaust Emission
★★ : Carb 2004 2-star
★★★ : Carb 2008 3-star



Model	2.5	3.5	4	5
Max.prop shaft output	1.9 kW (2.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	85 cm³	85 cm³	123 cm³	123 cm³
Bore × stroke	55 × 36 mm	55 × 36 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	—	—	—	—
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Above prop	Above prop	Through prop	Through prop
Gear shift	F-N	F-N	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381 mm (15 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 635 mm (15, 25 inch)
Dry weight	18 kg	18 kg	26 kg~	26 kg~

Model	5 Propane Sail Power	5 Propane	5 Sail Power	6
Max.prop shaft output	3.7 kw (5ps)	3.7 kw (5ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	123 cm^3	123 cm^3	123 cm^3	123 cm^3
Bore × stroke	59 × 45 mm	59 × 45 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Propane Mixer	Propane Mixer	—	Carburetor
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	4 A	—	—	—
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	508, 635 mm (20, 25 inch)	381, 508 mm (15, 20 inch)	508 mm (20 inch)	381, 508 mm (15, 20 inch)
Dry weight	28.6 kg	21.2 kg	25 kg	26 kg~

Model	8	9.9	15	20
Max.prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	11.1 kW (15 ps)	14.7 kW (20 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,700 – 6,200 r/min	5,700 – 6,200 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 2
Displacement	208 cm^3	208 cm^3	333 cm^3	333 cm^3
Bore × stroke	55 × 44 mm	55 × 44 mm	61 × 57 mm	61 × 57 mm
Starting system	Electric & manual	Electric & manual	Electric & manual	Electric & manual
Fuel induction system	Carburetor	Carburetor	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	—	—	—
Ignition system	CDI	CDI	CDI	CDI
Alternator	6 A/76 W	6 A/76 W	12 A/145 W	12 A/145 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.08:1/2.42:1	2.15:1	2.15:1
Trim & tilt	Manual	Manual	Manual, PT	Manual, PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508, 635 mm (15, 20, 25 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	38 kg~	38 kg~	45 kg~	45 kg~

Model	25	30	40	40 4-Cylinder
Max.prop shaft output	18.6 kW (25 ps)	22.4 kW (30 ps)	30 kW (40 ps)	30 kw (40ps)
Full throttle operating range	5,000 – 6,000 r/min	5,250 – 6,250 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min
Engine type	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3	SOHC, Inline 4
Displacement	526 cm^3	526 cm^3	747 cm^3	995 cm^3
Bore × stroke	61 × 60 mm	61 × 60 mm	65 × 75 mm	65 × 75 mm
Starting system	Electric & manual	Electric & manual	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic Fuel Injection
Lubrication system	—	—	Wet sump	—
Ignition system	CDI	CDI	ECM70	ECM
Alternator	15 A/186 W	15 A/186 W	18 A/226 W	18 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.92:1	1.92:1	2.00:1	1.83:1 or 2.33:1
Trim & tilt	Manual & PT	Gas assist & PT	Gas, PTT	Gas,PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	71 kg~	78 kg~	93 kg~	118 kg

Model	50	60	75	80
Max.prop shaft output	37 kW (50 ps)	45 kW (60 ps)	56 kW (75 ps)	59.2 kW (80 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,500 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	SOHC, In line 4
Displacement	995 cm^3	995 cm^3	2.1 L	2.1 L
Bore × stroke	65 × 75 mm	65 × 75 mm	90 × 81 mm	90 × 81 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	ECM	ECM	ECM	—
Alternator	18 A/226 W	18 A/226 W	35 A/441 W	35 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.83:1 or 2.33:1	1.83:1 or 2.33:1	2.07:1	2.07:1
Trim & tilt	PT	PT	PTT	PTT
Engine transom height	508 mm (20 inch)	508, 635 mm (20, 25 inch)	508 mm (20 inch)	508 mm (20 inch)
Dry weight	112 kg~	112 kg~	163 kg~	163 kg

Model	90	100	115	150
Max.prop shaft output	67 kW (90 ps)	74 kW (100 ps)	86 kW (115 ps)	110 kW (150 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 5,800 r/min
Engine type	SOHC, In-line 4	SOHC, In line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	2.1 L	2.1 L	2.1 L	3.0 L
Bore × stroke	90 × 81 mm	90 × 81 mm	90 × 81 mm	102 × 92 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	ECM	—	ECM	ECM
Alternator	35 A/441 W	35 A	35 A/441 W	60 A/756 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.07:1 or 2.38:1	2.07:1	2.07:1 or 2.38:1	1.92:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	163 kg~	163 kg~	163 kg~	206 kg~

Model	175	200	225	250
Max.prop shaft output	130 kW (175 ps)	149 kW (200 ps)	168 kW (225 ps)	186 kW (250 ps)
Full throttle operating range	5,000 – 5,800 r/min	5,000 – 5,800 r/min	5,200 – 6,000 r/min	5,200 – 6,000 r/min
Engine type	DOHC, V6 24 Valves	DOHC, V6 24 Valves	DOHC, V6 24 Valves	DOHC, V8 32 Valves
Displacement	3.4 L	3.4 L	3.4 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Integrated wet sump	Integrated wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.85:1	1.85:1	1.85:1	1.75:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	216 kg	216 kg	216 kg	239 kg

Model	300
Max.prop shaft output	224 kW (300 ps)
Full throttle operating range	5,200 – 6,000 r/min
Engine type	DOHC, V8 32Valves
Displacement	4.6 L
Bore × stroke	92 × 86 mm
Starting system	Electric
Fuel induction system	Electric fuel injection
Lubrication system	Integrated wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive
Alternator	85 A
Cooling system	Water-cooled with thermostat
Exhaust system	Through prop
Gear shift	F-N-R
Gear ratio	1.75:1
Trim & tilt	PTT
Engine transom height	508, 635 mm (20, 25 inch)
Dry weight	239 kg

Verado

Model	250	300	350	400
Max.prop shaft output	186 kW (250 ps)	224 kW (300 ps)	257 kW (350 ps)	298 kw (400ps)
Full throttle operating range	5,200 – 6,000 r/min	5,200 – 6,000 r/min	5,800 – 6,400 r/min	6,200 – 6,800 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	In-line 6	Inline 6
Displacement	4.6 L	4.6 L	2.6 L	2.6 cm^3
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	82 × 82 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electronic Fuel Injection
Lubrication system	Integrated wet sump	Integrated wet sump	—	Integrated wet sump
Ignition system	—	—	—	—
Alternator	115 A	115 A	70 A	70A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	—	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	—	Through prop
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	1.75:1 / 1.85:1	1.75:1 / 1.85:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT with SmartCraft programmable tilt	SmartCraft programmable trim and tilt
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	272 kg	272 kg	303 kg	303 kg

Verado

Model	400R
Max.prop shaft output	298 kW (400 ps)
Full throttle operating range	6,400 – 7,000 r/min
Engine type	In-line 6
Displacement	2.6 L
Bore × stroke	92 × 86 mm
Starting system	Electric
Fuel induction system	Electric fuel injection
Lubrication system	—
Ignition system	—
Alternator	70 A
Cooling system	—
Exhaust system	—
Gear shift	—
Gear ratio	1.75:1
Trim & tilt	PTT with SmartCraft programmable tilt
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	303 kg

Pro XS

Model	115	150	175	200
Max.prop shaft output	86 kW (115 ps)	110 kW (150 ps)	130 kW (175 ps)	149 kW (200 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,200 – 6,000 r/min	5,400 – 6,000 r/min	5,600 – 6,200 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	DOHC, V6 24 Valves	DOHC, V8 32 Valves
Displacement	2.1 L	3.0 L	3.4 L	4.6 L
Bore × stroke	90 × 81 mm	102 × 92 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Wet sump	—	Integrated wet sump	Wet sump
Ignition system	ECM	SmartCraft ECM 07 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	35 A/441 W	—	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.07:1	2.08:1	1.85:1	1.75:1 / 1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	163 kg~	207 kg	213 kg	229 kg

Pro XS

Model	225	250	300
Max.prop shaft output	168 kW (225 ps)	186 kW (250 ps)	224 kW (300 ps)
Full throttle operating range	5,600 – 6,200 r/min	5,600 – 6,200 r/min	5,600 – 6,200 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves
Displacement	4.6 L	4.6 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R
Gear ratio	1.75:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	229 kg	229 kg	229 kg

SeaPro

Model	15	40	60	75
Max.prop shaft output	11.5 kW (15 ps)	30 kW (40 ps)	45 kW (60 ps)	56 kW (75 ps)
Full throttle operating range	4,500 – 5,500 r/min	—	4,500 – 5,500 r/min	5,000 – 5,500 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	333 cm^3	995 cm^3	995 cm^3	2.1 L
Bore × stroke	61 × 57 mm	65 × 75 mm	65 × 75 mm	90 × 81 mm
Starting system	Electric & manual	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	CDI	ECM	ECM	ECM
Alternator	12 A/145 W	18 A/226 W	18 A/226 W	35 A/441 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	—	—	F-N-R
Gear ratio	2.15:1	2.33:1	2.33:1	2.38:1
Trim & tilt	Manual	Gas, PTT	Gas, PTT	PTT
Engine transom height	381, 508 mm (15, 20 inch)	508, 572, 635 mm (20, 22.5, 25 inch)	508, 572, 635 mm (20, 22.5, 25 inch)	508 mm (20 inch)
Dry weight	45 kg~	118 kg~	118 kg~	165 kg~

SeaPro

Model	90	115	150	200
Max.prop shaft output	67 kW (90 ps)	86 kW (115 ps)	110 kW (150 ps)	149 kW (200 ps)
Full throttle operating range	5,000 – 5,500 r/min	5,000 – 5,500 r/min	4,800 – 5,300 r/min	4,600 – 5,400 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	DOHC, V6 24 Valves
Displacement	2.1 L	2.1 L	3.0 L	3.4 L
Bore × stroke	90 × 81 mm	90 × 81 mm	102 × 92 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Integrated wet sump
Ignition system	ECM	ECM	ECM	SmartCraft PCM 112 Digital Inductive
Alternator	35 A/441 W	35 A/441 W	60 A/756 W	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.38:1	2.38:1	1.92:1	1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	165 kg~	165 kg~	206 kg~	220 kg

SeaPro

Model	225	250	300AMS	300CMS
Max.prop shaft output	168 kW (225 ps)	186 kW (250 ps)	224 kW (300 ps)	224 kW (300 ps)
Full throttle operating range	4,800 – 5,600 r/min	4,800 – 5,600 r/min	4,800 – 5,600 r/min	4,800 – 5,600 r/min
Engine type	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves	DOHC, V8 32 Valves
Displacement	4.6 L	4.6 L	4.6 L	4.6 L
Bore × stroke	92 × 86 mm	92 × 86 mm	92 × 86 mm	92 × 86 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Lubrication system	Integrated wet sump	Integrated wet sump	Integrated wet sump	Integrated wet sump
Ignition system	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive	SmartCraft PCM 112 Digital Inductive
Alternator	85 A	85 A	115 A	85 A
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	1.75:1	1.75:1	1.75:1	1.75:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	239 kg	239 kg	272 kg	239 kg

Command Thrust

Model	9.9	40	50	60
Max.prop shaft output	7.3 kW (9.9 ps)	30 kW (40 ps)	37 kW (50 ps)	45 kW (60 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	208 cm^3	995 cm^3	995 cm^3	995 cm^3
Bore × stroke	55 × 44 mm	65 × 75 mm	65 × 75 mm	65 × 75 mm
Starting system	Electric & manual	Electric	Electric	Electric
Fuel induction system	Carburetor	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Lubrication system	—	Wet sump	Wet sump	Wet sump
Ignition system	CDI	ECM	ECM	ECM
Alternator	6 A/76 W	18 A/226 W	18 A/226 W	18 A/226 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.42:1	2.33:1	2.33:1	2.33:1
Trim & tilt	PT	PT	PT	PT
Engine transom height	508, 635 mm (20, 25 inch)	508 mm (20 inch)	508 mm (20 inch)	508, 635 mm (20, 25 inch)
Dry weight	44 kg~	118 kg~	118 kg~	118 kg~

Command Thrust

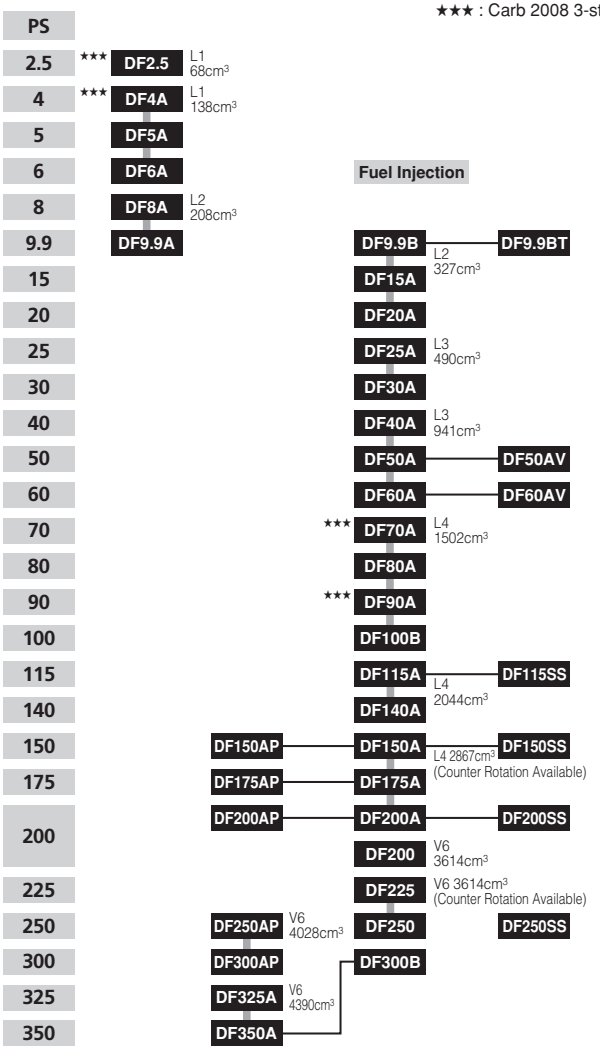
Model	90	100	115	115ProXS
Max.prop shaft output	67 kW (90 ps)	73.6 kW (100 ps)	86 kW (115 ps)	86 kW (115 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4	SOHC, In-line 4
Displacement	2.1 L	2.1 L	2.1 L	2.1 L
Bore × stroke	90 × 81 mm	90 × 81 mm	90 × 81 mm	90 × 81 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electronic fuel injection	Electric fuel injection	Electronic fuel injection	Electric fuel injection
Lubrication system	Wet sump	Wet sump	Wet sump	Wet sump
Ignition system	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive	SmartCraft ECM 70 Digital Inductive
Alternator	35 A/441 W	35 A/441 W	35 A/441 W	35 A/441 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop	Through prop	Through prop
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.38:1	2.38:1	2.38:1	2.38:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	165 kg~	165 kg	165 kg~	165 kg

Pro Kicker

Model	9.9	15EFI
Max.prop shaft output	7.3 kW (9.9 ps)	11.1 kW (15 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,700 – 6,200 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2
Displacement	208 cm^3	333 cm^3
Bore × stroke	55 × 44 mm	61 × 57 mm
Starting system	Electric & manual	Electric
Fuel induction system	Carburetor	Electronic fuel injection
Lubrication system	—	—
Ignition system	CDI	CDI
Alternator	6 A/76 W	12 A/145 W
Cooling system	Water-cooled with thermostat	Water-cooled with thermostat
Exhaust system	Through prop	Through prop
Gear shift	F-N-R	F-N-R
Gear ratio	2.42:1	2.15:1
Trim & tilt	PT	PT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	49 kg~	56 kg~

SUZUKI

Exhaust Emission
★★ : Carb 2004 2-star
★★★ : Carb 2008 3-star



Model	DF2.5	DF4A	DF5A	DF6A
Max.prop shaft output	1.8 kW (2.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)	4.4 kW (6 ps)
Full throttle operating range	5,250 – 5,750 r/min	4,000 – 5,000 r/min	4,500 – 5,500 r/min	4,750 – 5,750 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	1-cylinder	OHV, 1-cylinder
Displacement	68 cm³	138 cm³	138 cm³	138 cm³
Bore × stroke	48 × 38 mm	62 × 46 mm	60.4 × 48 mm	62 × 46 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Caburetor	Carburetor
Ignition system	CDI	CDI	CDI	CDI
Alternator	—	12 V 6 A	6 A (optional)	12 V 6 A (Optional)
Gear ratio	2.15:1	1.92:1	1.92:1	1.92:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	S: 15 inch	S: 15 inch	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch
Dry weight	13 kg	25 kg	24 – 25 kg	25 – 26 kg

Model	DF8A	DF9.9A	DF9.9B	DF9.9BT
Max.prop shaft output	5.9 kW (8 ps)	7.3 kW (9.9 ps)	7.3 kW (9.9 ps)	7.3 kW (9.9 ps)
Full throttle operating range	4,700 – 5,700 r/min	5,200 – 6,200 r/min	4,700 – 5,700 r/min	4,700 – 5,700 r/min
Engine type	In-line 2	In-line 2	SOHC, In-line 2	In-line 2
Displacement	208 cm^3	208 cm^3	327 cm^3	327 cm^3
Bore × stroke	51 × 51 mm	51 × 51 mm	60.4 × 57 mm	60 × 57 mm
Starting system	Manual	Manual	Electric	Electric
Fuel induction system	Caburetor	Caburetor	Electronic fuel injection	Electric fuel injection
Ignition system	CDI	CDI	CDI	Digital CDI
Alternator	6 A	10 A	12 A	12 A
Gear ratio	2.08:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Manual	Manual	Manual or PT (OP)	Power Tilt
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	39.5 – 41.5 kg	39.5 – 46 kg	49 – 54 kg	49 – 54 kg

Model	DF15A	DF20A	DF25A	DF30A
Max.prop shaft output	11.0 kW (15 ps)	14.7 kW (20 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, In-line 2	SOHC, In-line 2	SOHC, In-line 3	SOHC, In-line 3
Displacement	327 cm^3	327 cm^3	489 cm^3	489 cm^3
Bore × stroke	60.4 × 57 mm	60.4 × 57 mm	71.1 × 68 mm	71.1 × 68 mm
Starting system	S: Manual and Electric, L: Electric	S: Manual or Electric, L: Electric	S: Manual or Electric, L: Manual	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	CDI	CDI	CDI	CDI
Alternator	Manual 12 V 6 A, Electric 12 V 12 A	Manual 12 V 6 A, Electric 12 V 12 A	Manual 12 V 14 A, Electric 12 V 14 A	12 V 14 A
Gear ratio	2.08:1	2.08:1	2.09:1	2.09:1
Trim & tilt	Manual or PT (OP)	Manual	Manual	PTT
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch
Dry weight	Manual 44 – 48 kg, Electric 49 kg	Manual 44 – 48 kg, Electric 49 kg	Manual 61 – 63 kg, Electric 74 kg	71 – 74 kg

Model	DF40A	DF50A	DF50AV	DF60A
Max.prop shaft output	29.4 kW (40 ps)	36.8 kW (50 ps)	36.8 kW (50 ps)	44.1 kW (60 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min
Engine type	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve	DOHC, In-line 3, 12-valve
Displacement	941 cm^3	941 cm^3	941 cm^3	941 cm^3
Bore × stroke	72.5 × 76 mm	72.5 × 76 mm	72.5 × 76 mm	72.5 × 76 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 19 A	12 V 19 A	12 V 19 A	12 V 19 A
Gear ratio	2.27:1	2.27:1	2.42:1	2.27:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	S: 15 inch, L: 20 inch	S: 15 inch, L: 20 inch	L: 20 inch	S: 15 inch, L: 20 inch, X: 25 inch
Dry weight	102 – 104 kg	102 – 104 kg	115 kg	102 – 107 kg

Model	DF60AV	DF70A	DF80A	DF90A
Max.prop shaft output	44.1 kW (60 ps)	51.5 kW (70 ps)	58.8 kW (80 ps)	66.2 kW (90 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	DOHC, In-line 3, 12-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4	DOHC, In-line 4, 16-valve
Displacement	941 cm^3	1,502 cm^3	1,502 cm^3	1,502 cm^3
Bore × stroke	72.5 × 76 mm	75 × 85 mm	75 × 85 mm	75 × 85 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Fully-transistorised	Solid State Direct Ignition
Alternator	12 V 19 A	12 V 27 A	27 A	12 V 27 A
Gear ratio	2.42:1	2.59:1	2.59:1	2.59:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	20 inch	L: 20 inch, X: 25 inch
Dry weight	115 – 118 kg	156 – 160 kg	156 kg	156 – 160 kg

Model	DF100B	DF115A	DF115SS	DF140A
Max.prop shaft output	73.6 kW (100 ps)	84.6 kW (115 ps)	84.6 kW (115 ps)	103 kW (140 ps)
Full throttle operating range	5,700 – 6,300 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,600 – 6,200 r/min
Engine type	DOHC, In-line 4	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve
Displacement	1,502 cm^3	2,044 cm^3	2,044 cm^3	2,044 cm^3
Bore × stroke	75 × 85 mm	86 × 88 mm	86 × 88 mm	86 × 88 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Fully-transistorised	Solid State Direct Ignition	Solid State Electronic Ignition	Solid State Direct Ignition
Alternator	27 A	12 V 40 A	12 V 40 A	12 V 40 A
Gear ratio	2.59:1	2.59:1	2.59:1	2.59:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	157 – 161 kg	182 – 187 kg	182 – 187 kg	179 – 184 kg

Model	DF150A	DF150AP	DF150SS	DF175A
Max.prop shaft output	110 kW (150 ps)	110 kW (150 ps)	110 kW (150 ps)	129 kW (175 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min
Engine type	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve	In-line 4	DOHC, In-line 4, 16-valve
Displacement	2,867 cm^3	2,867 cm^3	2,867 cm^3	2,867 cm^3
Bore × stroke	97 × 97 mm	97 × 97 mm	97 × 97 mm	97 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 44 A	12 V 44 A	44 A	12 V 44 A
Gear ratio	2.50:1	2.50:1	2.50:1	2.50:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	232 – 237 kg	236 – 241 kg	232 – 237 kg	232 – 237 kg

Model	DF175AP	DF200	DF200A	DF200AP
Max.prop shaft output	129 kW (175 ps)	147 kW (200 ps)	147 kW (200 ps)	147 kW (200 ps)
Full throttle operating range	5,500 – 6,100 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min	5,500 – 6,100 r/min
Engine type	DOHC, In-line 4, 16-valve	DOHC,V6, 24-valve	DOHC, In-line 4, 16-valve	DOHC, In-line 4, 16-valve
Displacement	2,867 cm^3	3,614 cm^3	2,867 cm^3	2,867 cm^3
Bore × stroke	97 × 97 mm	95 × 85 mm	97 × 97 mm	97 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Fully-transistorised	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	12 V 44 A	54 A	12 V 44 A	12 V 44 A
Gear ratio	2.50:1	2.29:1	2.50:1	2.50:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch
Dry weight	236 – 241 kg	264 – 275 kg	235 – 240 kg	236 – 241 kg

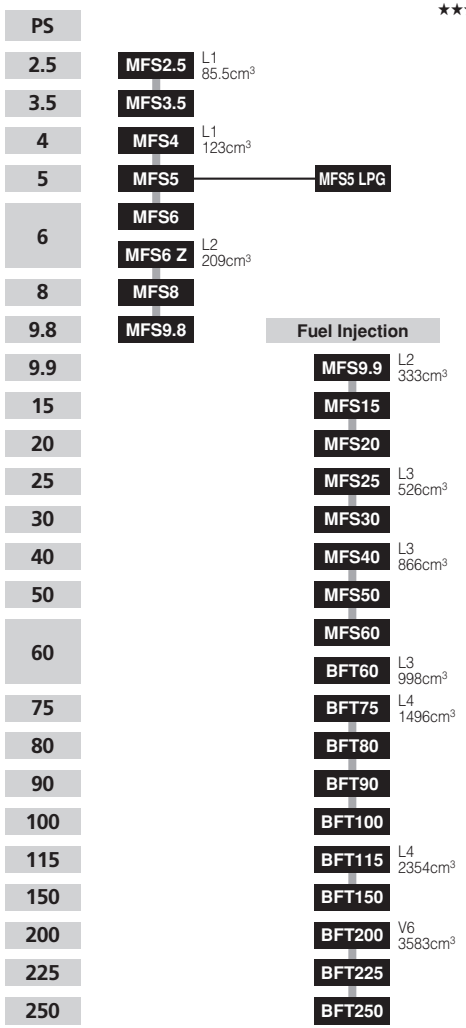
Model	DF200SS	DF225	DF250	DF250AP
Max.prop shaft output	147 kW (200 ps)	165 kW (225 ps)	184 kW (250 ps)	184 kW (250 ps)
Full throttle operating range	5,500 – 6,100 r/min	5,000 – 6,000 r/min	5,500 – 6,100 r/min	5,700 – 6,300 r/min
Engine type	In-line 4	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, V6, 24-valve
Displacement	2,867 cm^3	3,614 cm^3	3,614 cm^3	4,028 cm^3
Bore × stroke	97 × 97 mm	95 × 85 mm	95 × 85 mm	98 × 89 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electric fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition	Solid State Direct Ignition
Alternator	44 A	12 V 54 A	12 V 54 A	12 V 54 A
Gear ratio	2.50:1	2.29:1	2.29:1	2.08:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	X: 25 inch	X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch
Dry weight	235 – 240 kg	275 kg	275 – 284 kg	290 – 299 kg

Model	DF250SS	DF300AP	DF300B	DF325A
Max.prop shaft output	184 kW (250 ps)	220.7 kW (300 ps)	220.7 kW (300 ps)	239 kw (325ps)
Full throttle operating range	5,300 – 6,300 r/min	5,700 – 6,300 r/min	5,300 – 6,300 r/min	5,300 – 6,300 r/min
Engine type	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve	DOHC, 55° V6, 24-valve
Displacement	4,028 cm^3	4,028 cm^3	4,390 cm^3	4,390 cm^3
Bore × stroke	98 × 89 mm	98 × 89 mm	98 × 97 mm	98 × 97 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Electric fuel injection	Electric fuel injection	Electric fuel injection	Electronic fuel injection
Ignition system	Solid State Direct Ignition	Solid State Direct Ignition	Fully-transistorised	Fully-transistorised
Alternator	54 A	12 V 54 A	12 V 54 A	12V 54A
Gear ratio	2.08:1	2.08:1	2.29:1	2.29:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 20 inch, X: 25 inch	L: 20 inch, X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch	X: 25 inch, XX: 30 inch,
Dry weight	262 kg	262 – 299 kg	330 – 339 kg	330 – 339 kg

Model	DF350A
Max.prop shaft output	257.4 kW (350 ps)
Full throttle operating range	5,700 – 6,300 r/min
Engine type	DOHC, 55° V6, 24-valve
Displacement	4,390 cm^3
Bore × stroke	98 × 97 mm
Starting system	Electric
Fuel induction system	Electric fuel injection
Ignition system	Solid State Direct Ignition
Alternator	12 V 54 A
Gear ratio	2.29:1
Trim & tilt	PTT
Engine transom height	X: 25 inch, XX: 30 inch
Dry weight	330 – 339 kg

TOHATSU

Exhaust Emission
★★ : Carb 2004 2-star
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Model	MFS2.5	MFS3.5	MFS4	MFS5
Max.prop shaft output	1.8 kW (2.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)	3.7 kW (5 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,500 r/min	4,500 – 5,500 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder	OHV, 1-cylinder
Displacement	85.5 cm³	85.5 cm³	123 cm³	123 cm³
Bore × stroke	55 × 36 mm	55 × 36 mm	59 × 45 mm	59 × 45 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Ignition system	CDI	CDI	CDI	CDI
Alternator	N/A	N/A	OP: 12 V, 60 W, 5 A	OP: 12 V, 60 W, 5 A
Gear shift	F-N	F-N	F-N-R	F-N-R
Gear ratio	2.15:1	2.15:1	2.15:1	2.15:1
Trim & tilt	—	—	—	—
Engine transom height	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm
Dry weight	18.4 – 19.4 kg	18.4 – 19.4 kg	26.1 – 26.6 kg	26.1 – 26.6 kg

Model	MFS5 LPG	MFS6	MFS6 Z	MFS8
Max.prop shaft output	3.7 kW (5 ps)	4.4 kW (6 ps)	4.4 kW (6 ps)	5.9 kW (8 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	OHV, 1-cylinder	OHV, 1-cylinder	In-line 2	SOHC, In-line 2
Displacement	123 cm^3	123 cm^3	209 cm^3	209 cm^3
Bore × stroke	59 × 45 mm	59 × 45 mm	55 × 44 mm	55 × 44 mm
Starting system	Manual	Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	Carburetor	—	Carburetor
Ignition system	CDI	CDI	—	CDI
Alternator	OP: 12 V, 60 W, 5 A	OP: 12 V, 60 W, 5 A	6 A	Electric: 12 V, 80 W, 6 A
Gear shift	F-N-R	F-N-R	—	F-N-R
Gear ratio	2.15:1	2.15:1	2.08:1	2.08:1
Trim & tilt	—	—	Remote Control or Tiller Handle	—
Engine transom height	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm	15, 20 inch	S: 435 mm, L: 562 mm
Dry weight	27.2 – 27.5 kg	25.6 kg	37 kg	37 – 41 kg

Model	MFS9.8	MFS9.9	MFS15	MFS20
Max.prop shaft output	7.2 kW (9.8 ps)	7.3 kW (9.9 ps)	11 kW (15 ps)	14.7 kW (20 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,400 – 6,100 r/min	5,400 – 6,100 r/min	5,400 – 6,100 r/min
Engine type	SOHC, In-line 2	In-line 2	SOHC, In-line 2	SOHC, In-line 2
Displacement	209 cm^3	333 cm^3	333 cm^3	333 cm^3
Bore × stroke	55 × 44 mm	61 × 57 mm	61 × 57 mm	61 × 57 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	Carburetor	—	Electronic fuel injection	Electronic fuel injection
Ignition system	CDI	—	CDI	CDI
Alternator	Electric: 12 V, 80 W, 6 A	12 A	12 V, 145 W, 12 A	12 V, 145 W, 12 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.15:1	2.15:1	2.15:1
Trim & tilt	OP: PT	Remote Control or Tiller Handle	OP: PT	OP: PT
Engine transom height	S: 435 mm, L: 562 mm, UL: 689 mm	15, 20 inch	S: 435 mm, L: 562 mm	S: 435 mm, L: 562 mm
Dry weight	37 – 49 kg	43 kg	43 – 52.5 kg	43 – 53.5 kg

Model	MFS25	MFS30	MFS40	MFS50
Max.prop shaft output	18.4 kW (25 ps)	22.1 kW (30 ps)	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,250 – 6,250 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3	SOHC, In-line 3
Displacement	526 cm^3	526 cm^3	866 cm^3	866 cm^3
Bore × stroke	61 × 60 mm	61 × 60 mm	70 × 75 mm	70 × 75 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric	Electric
Fuel induction system	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection	Electronic fuel injection
Ignition system	CDI	CDI	Inductive ignition	Inductive ignition
Alternator	12 V, 180 W, 15 A	12 V, 180 W, 15 A	12 V, 252 W, 21 A	12 V, 252 W, 21 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.17:1	2.17:1	2.08:1	2.08:1
Trim & tilt	OP: PT	OP: PT	Gas, PTT	Gas, PTT
Engine transom height	L: 552 mm	L: 552 mm, UL: 679 mm	S: 405 mm, L: 538 mm	S: 405 mm, L: 538 mm
Dry weight	71.5 kg	71.5 kg	94.5 – 100 kg	94.5 – 100 kg

Model	MFS60	BFT60	BFT75	BFT80
Max.prop shaft output	44.1 kW (60 ps)	44.1 kW (60 ps)	55.2 kW (75 ps)	58.8 kW (80 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	In-line 3	SOHC, In-line 3, 12-valve	SOHC, In-line 4	SOHC, In-line 4
Displacement	866 cm^3	998 cm^3	1,496 cm^3	1,496 cm^3
Bore × stroke	70 × 75 mm	73 × 79.5 mm	73 × 89.4 mm	73 × 89 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	—	Programmed fuel injection	Programmed fuel injection	Programmed Fuel Injection
Ignition system	—	CDI	CDI	Micro Computer Programmed
Alternator	21 A	12 V, 264 W, 22 A	12 V, 420 W, 35 A	35 A
Gear shift	—	F-N-R	F-N-R	F-N-R
Gear ratio	2.08:1	2.07:1	2.33:1	2.33:1
Trim & tilt	Remote Control or Tiller Handle	PTT	PTT	PTT
Engine transom height	20 inch	L: 521 mm	L: 537 mm, X: 664 mm	20, 25 inch
Dry weight	—	110 – 115 kg	166 – 172 kg	165 kg

Model	BFT90	BFT100	BFT115	BFT150
Max.prop shaft output	66.2 kW (90 ps)	73.6 kW (100 ps)	84.6 kW (115 ps)	110.3 kW (150 ps)
Full throttle operating range	5,300 – 6,300 r/min	5,300 – 6,300 r/min	4,500 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	SOHC with VVT & LC, In-line 4	SOHC, In-line 4	DOHC, In-line 4, 16-valve	DOHC with VVT & LC, In-line 4, 16-valve
Displacement	1,496 cm^3	1,496 cm^3	2,354 cm^3	2,354 cm^3
Bore × stroke	73 × 89.4 mm	73 × 89 mm	87 × 99 mm	87 × 99 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed Fuel Injection	Programmed fuel injection	Programmed fuel injection
Ignition system	CDI	Micro Computer Programmed	CDI	TCI
Alternator	12 V, 420 W, 35 A	35 A	12 V, 660 W, 55 A	12 V, 660 W, 50 A
Gear shift	F-N-R	F-N-R	F-N-R	F-N-R
Gear ratio	2.33:1	2.33:1	2.14:1	2.14:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	L: 537 mm, X: 664 mm	20, 25 inch	L: 508 mm, X: 635 mm	L: 508 mm, X: 635 mm
Dry weight	166 – 172 kg	165 kg	217 – 220 kg	217 – 220 kg

Model	BFT200	BFT225	BFT250
Max.prop shaft output	147.1 kW (200 ps)	165.0 kW (225 ps)	183.9 kW (250 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,300 – 6,300 r/min
Engine type	SOHC, 60° V6, 24-valve	SOHC with VVT & LC, 60° V6, 24-valve	SOHC with VVT & LC, 60° V6, 24-valve
Displacement	3,583 cm^3	3,583 cm^3	3,583 cm^3
Bore × stroke	89 × 96 mm	89 × 96 mm	89 × 96 mm
Starting system	Electric	Electric	Electric
Fuel induction system	Programmed fuel injection	Programmed fuel injection	Programmed fuel injection
Ignition system	CDI	CDI	CDI
Alternator	12 V, 1180 W, 90 A	12 V, 1180 W, 90 A	12 V, 1180 W, 90 A
Gear shift	F-N-R	F-N-R	F-N-R
Gear ratio	2.00:1	2.00:1	2.00:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	L: 508 mm, X: 635 mm	X: 635 mm	X: 636 mm
Dry weight	265 – 270 kg	286 kg	286 kg

NOTES

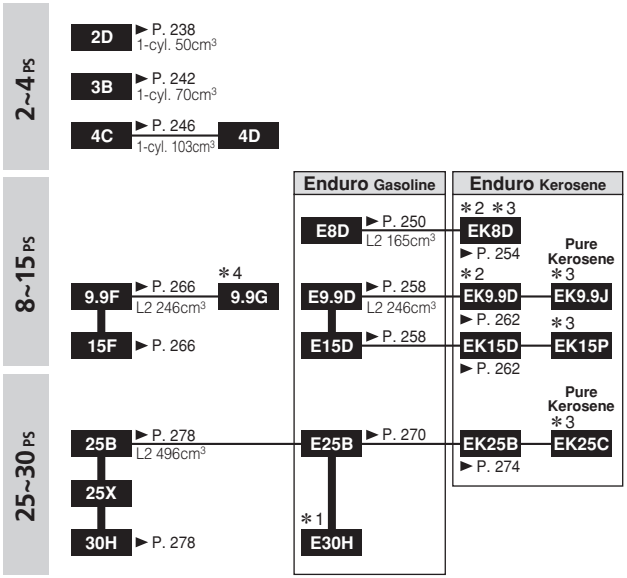
YAMAHA 2-STROKE OUTBOARD MOTORS

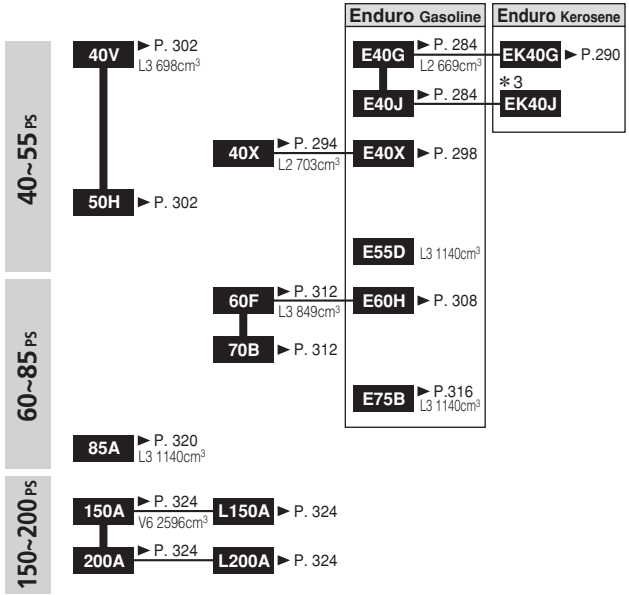


PRODUCT INFORMATION GUIDE 2020

2-STROKE MODELS LINE-UP

P: Page





∗1 : Malaysia
∗2 : India
∗3 : Sri Lanka
∗4 : Russia

Exhaust Emission
★★ : Carb 2004 2-star (US Version only)

2D

MODEL CODE
(Approved code)

2D	6GD (6GD)

MODELS AVAILABLE

Tiller Handle

2D	MH



2D

Dry weight
10 kg

SPECIFICATIONS

Performance	2D
Max. prop shaft output	1.5 kW (2 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1100 – 1200 r/min
Fuel consumption	1.4 L/h @5000 r/min

Engine	
Engine type	1-cylinder
Displacement	50 cm^3
Bore × stroke	42.0 × 36.0 mm
Compression ratio	8.3 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (CRB, OCE 100 :1)
Engine oil capacity	—
Built-in fuel tank	1.1 L
Ignition system	CDI
Ignition timing	BTDC 18 deg.
Spark plug	B7HS, BR7HS
Alternator	—
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	—
Steering angle	360 deg.
Gear shift	F
Gear ratio	2.08 (27/13)
Gear oil capacity	0.045 L
Propeller fitting	Shear Pin
Propeller rotation	Clockwise
Shaft length	S
Engine transom height	S : 419 mm (16.4 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	2D MH
Security	Start in gear protection	—
	Engine stop switch lanyard	—
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	●
	Chrome plated water pump housing	—
	Stainless steel water tube	—
	Single large anode	●
	Corrosion free resin propeller	●
Power unit	Carburetor	●
	Gasoline [Regular]	●
Convenience	Carrying handle	—
	Built-in fuel tank	●
	2-way fuel supply system	—
	360 deg. full pivot steering	●
	Shallow water drive	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	2D MH
Lighting coil	—
Portable fuel tank	—
Spark plug	●

PROPELLER	2D MH
Standard propeller	—
• Traditional propeller	A
• Weedless propeller	—

CONSUMES	2D MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

3B



3B

MODEL CODE
(Approved code)

3B	6GE (6GE)

MODELS AVAILABLE

Tiller Handle	
3B	MH

Dry weight
17 kg

SPECIFICATIONS

Performance	3B
Max. prop shaft output	2.2 kW (3 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1150 – 1250 r/min
Fuel consumption	2.0 L/h @5000 r/min

Engine	
Engine type	1-cylinder
Displacement	70 cm^3
Bore × stroke	46.0 × 42.0 mm
Compression ratio	6.9 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (OCE 100 :1)
Engine oil capacity	—
Built-in fuel tank	1.3 L
Ignition system	CDI
Ignition timing	BTDC 6.0 – 21.0 deg.
Spark plug	B6HS-10, BR6HS-10
Alternator	—
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	2 positions
Steering angle	360 deg.
Gear shift	F-N
Gear ratio	2.08 (27/13)
Gear oil capacity	0.075 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S
Engine transom height	S : 440 mm (17.3 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	3B MH
Security	Start in gear protection	—
	Engine stop switch lanyard	—
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	●
	Chrome plated water pump housing	—
	Stainless steel water tube	●
	Single large anode	●
	Corrosion free resin propeller	—
Power unit	Carburetor	●
	Gasoline [Regular]	●
Convenience	Carrying handle	●
	Built-in fuel tank	●
	2-way fuel supply system	—
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	3B MH
Lighting coil	—
Portable fuel tank	—
Spark plug	●

PROPELLER	3B MH
Standard propeller	—
• Traditional propeller	BS
• Weedless propeller	—

CONSUMES	3B MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

4C
4D



4C

MODEL CODE
(Approved code)

4C	6GP (6GPK)
4D	6GV (6GVK)

MODELS AVAILABLE

Tiller Handle	
4C	MH
4D	MH

Dry weight
21 – 22 kg

SPECIFICATIONS

Performance	4C	4D
Max. prop shaft output	2.9 kW (4 ps)	
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1100 – 1200 r/min	
Fuel consumption	2.8 L/h @5500 r/min	

Engine	
Engine type	1-cylinder
Displacement	103 cm^3
Bore × stroke	54.0 × 45.0 mm
Compression ratio	6.5 :1
Starting enrichment	Manual choke
Scavenging	Cross flow
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, CRB 100 :1)
Engine oil capacity	—
Built-in fuel tank	2.8 L
Ignition system	CDI
Ignition timing	BTDC 5.0 – 28.0 deg.
Spark plug	B7HS
Alternator	60 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.100 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L (4D: S)
Engine transom height	S : 444 mm (17.5 in), L : 571 mm (22.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	4C MH	4D MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	—	—
	Stainless steel water tube	—	—
	Single large anode	●	●
	Corrosion free resin propeller	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Convenience	Carrying handle	—	—
	Built-in fuel tank	●	—
	2-way fuel supply system	●	—
	360 deg. full pivot steering	●	●
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	4C MH	4D MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	4C MH	4D MH
Standard propeller	—	—
• Traditional propeller	—	—
• Weedless propeller	BA	BA

CONSUMES	4C MH	4D MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

E8D

ENDURO Gasoline



E8D

MODEL CODE
(Approved code)

E8D	677 (677K)

MODELS AVAILABLE

Tiller Handle	
E8D	MH

Dry weight
28 , 29 kg

SPECIFICATIONS

Performance	E8D
Max. prop shaft output	5.9 kW (8 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1200 – 1300 r/min
Fuel consumption	4.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	165 cm^3
Bore × stroke	50.0 × 42.0 mm
Compression ratio	6.8 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 2.0 – 25.0 deg.
Spark plug	B7HS-10
Alternator	40 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.230 L
Propeller fitting	Shear pin
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 442 mm (17.4 in), L : 582 mm (22.9 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E8D MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limiter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump housing	—
	Chrome plated water pump housing	●
	Stainless steel water tube	—
	Multiple anode	●
	Single large anode	—
Power unit	Carburetor	●
	Gasoline [Regular]	●
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Carrying handle	●
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E8D MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●

PROPELLER	E8D MH
Standard propeller	—
	—
• Traditional propeller	C
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	E8D MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

EK8D

ENDURO Kerosene



EK8D

MODEL CODE
(Approved code)

EK8D	680 (680K)

MODELS AVAILABLE

Tiller Handle	
EK8D	MH

Dry weight
29 kg

SPECIFICATIONS

Performance	EK8D
Max. prop shaft output	5.9 kW (8 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1350 – 1450 r/min
Fuel consumption	4.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	165 cm^3
Bore × stroke	50.0 × 42.0 mm
Compression ratio	5.8 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 10.0 – 25.0 deg.
Spark plug	B6HS
Alternator	40 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	4 positions
Shallow water drive	3 positions
Steering angle	360 deg.
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.230 L
Propeller fitting	Shear pin
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 582 mm (22.9 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK8D MH
Security	Start in gear protection	●
	Engine stop switch lanyard	●
	Over rev. limitter	—
	Overheat warning	—
Corrosion prevention	Stainless steel water pump	—
	Chrome plated water pump	●
	Stainless steel water tube	—
	Multiple anode	●
	Single large anode	—
Power unit	Carburetor	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Carrying handle	●
	360 deg. full pivot steering	●
	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK8D MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●

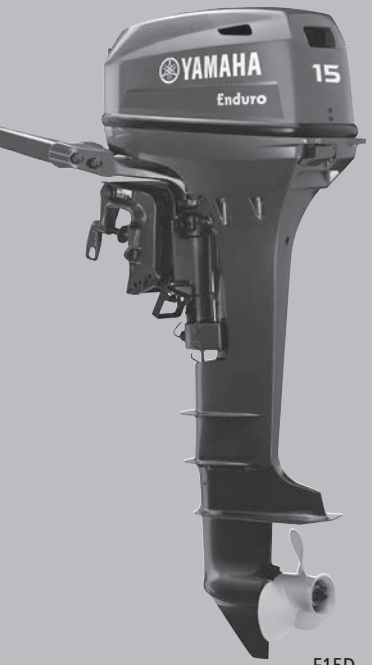
PROPELLER	EK8D MH
Standard propeller	—
	—
• Traditional propeller	C
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	EK8D MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

E9.9D
E15D

ENDURO Gasoline



E15D

MODEL CODE
(Approved code)

E9.9D	6B3 (6B3K)
E15D	6B4 (6B4K)

MODELS AVAILABLE

Tiller Handle	
E9.9D	MH
E15D	MH

Dry weight

E9.9D	38 – 40 kg
E15D	38 – 41 kg

SPECIFICATIONS

Performance	E9.9D	E15D
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1000 – 1100 r/min	
Fuel consumption	6.9 L/h @5500 r/min	7.7 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	246 cm^3
Bore × stroke	56.0 × 50.0 mm
Compression ratio	7.0 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	TDC – BTDC 30.0 deg.
Spark plug	B8HS-10
Alternator	80 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive		
Trim	4 positions	
Shallow water drive	1 position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	
Gear oil capacity	0.220 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	S, L	S, L, X
Engine transom height	S : 441 mm (17.4 in), L : 568 mm (22.4 in), X : 710 mm (30.3 in)	

FEATURE TABLE

CATEGORY	FEATURE ITEM	E9.9D MH	E15D MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	—	—
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E9.9D MH	E15D MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

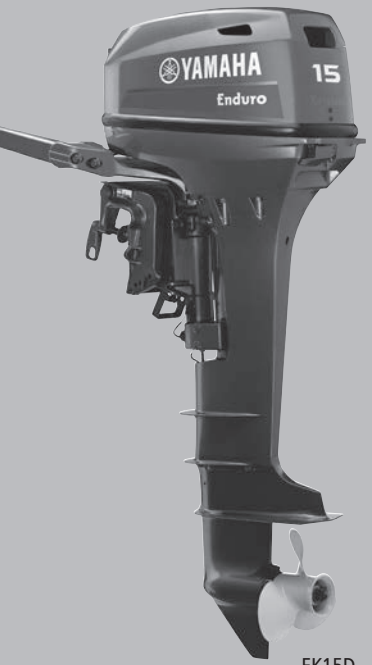
PROPELLER	E9.9D MH	E15D MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	E9.9D MH	E15D MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

EK9.9D
EK15D

ENDURO Kerosene



EK15D

MODEL CODE
(Approved code)

EK9.9D	6B7 (6B7K)
EK15D	6B8 (6B8K)

MODELS AVAILABLE

Tiller Handle	
EK9.9D	MH
EK15D	MH

Dry weight
40 kg

SPECIFICATIONS

Performance	EK9.9D	EK15D
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1250 – 1350 r/min	
Fuel consumption	7.4 L/h @5500 r/min	

Engine	
Engine type	In-line 2
Displacement	246 cm^3
Bore × stroke	56.0 × 50.0 mm
Compression ratio	6.1 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	TDC – BTDC 24.0 deg.
Spark plug	B7HS-10
Alternator	80 W (optional)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.220 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 568 mm (22.4 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK9.9D MH	EK15D MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	—	—
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	—	—
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	—	—
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK9.9D MH	EK15D MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	EK9.9D MH	EK15D MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	EK9.9D MH	EK15D MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

9.9F
15F



15F

MODEL CODE
(Approved code)

9.9F	63V (682K)
15F	63W (684K)

Tiller Handle

9.9F	MH
15F	MH

Dry weight
36 – 38 kg

SPECIFICATIONS

Performance	9.9F	15F
Max. prop shaft output	7.3 kW (9.9 ps)	11.0 kW (15 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	700 – 800 r/min	
Fuel consumption	5.1 L/h @5500 r/min	7.3 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	246 cm^3
Bore × stroke	56.0 × 50.0 mm
Compression ratio	6.8 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, OCE 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 5.0 – BTDC 30.0 deg.
Spark plug	B7HS-10
Alternator	80 W (EUR, RUS: 6 A)
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	4 positions
Shallow water drive	2 positions
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.250 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 440 mm (17.3 in), L : 567 mm (22.3 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	9.9F MH	15F MH
Security	Start in gear protection	●	●
	Engine stop switch lanyard	●	●
	Over rev. limiter	—	—
	Overheat warning	—	—
Corrosion prevention	Stainless steel water pump housing	●	●
	Chrome plated water pump housing	●	●
	Stainless steel water tube	—	—
	Multiple anode	●	●
	Single large anode	—	—
Power unit	Carburetor	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Carrying handle	●	●
	360 deg. full pivot steering	—	—
	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	9.9F MH	15F MH
Lighting coil	●	●
Portable fuel tank	●	●
Spark plug	●	●

PROPELLER	9.9F MH	15F MH
Standard propeller	J	J
	J1	J1
• Traditional propeller	—	—
• Weedless propeller	—	—
• Dual thrust propeller	J	J

CONSUMES	9.9F MH	15F MH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

E25B

ENDURO Gasoline



E25B

MODEL CODE
(Approved code)

E25B	69P (61RK)

MODELS AVAILABLE

Tiller Handle	
E25B	MH

Dry weight
53 – 55 kg

SPECIFICATIONS

Performance	E25B
Max. prop shaft output	18.4 kW (25 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1050 – 1150 r/min
Fuel consumption	11.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	496 cm^3
Bore × stroke	72.0 × 61.0 mm
Compression ratio	6.2 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B7HS-10
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.320 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	S, L
Engine transom height	S : 423 mm (16.7 in), L : 550 mm (21.7 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E25B MH
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	●
	Gasoline [Regular]	●
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E25B MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	E25B MH
703 / 704 remote control	—

INSTRUMENTS	E25B MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	E25B MH
Standard propeller	F
• Traditional propeller	—
• Weedless propeller	F
• Dual thrust propeller	—

CONSUMES	E25B MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

EK25B

ENDURO Kerosene



EK25B

MODEL CODE
(Approved code)

EK25B	69T (62CK)

MODELS AVAILABLE

Tiller Handle	
EK25B	MH

Dry weight
55 kg

SPECIFICATIONS

Performance	EK25B
Max. prop shaft output	18.4 kW (25 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1250 – 1350 r/min
Fuel consumption	13.8 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	496 cm^3
Bore × stroke	72.0 × 61.0 mm
Compression ratio	5.5 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B7HS-10
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	1 position
Steering angle	40 deg. each direction
Gear shift	F-N-R
Gear ratio	2.08 (27/13)
Gear oil capacity	0.320 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 550 mm (21.7 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK25B MH
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	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK25B MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	EK25B MH
703 / 704 remote control	—

INSTRUMENTS	EK25B MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	EK25B MH
Standard propeller	F
• Traditional propeller	—
• Weedless propeller	F
• Dual thrust propeller	—

CONSUMES	EK25B MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

25B
30H



30H

MODEL CODE
(Approved code)

25B	69R (61RK)
30H	69S (61TK)

Tiller Handle

25B	MH
30H	MH, WH

Remote Control

25B	W
30H	W

Dry weight

25B	53 – 57 kg
30H	53 – 58 kg

SPECIFICATIONS

Performance	25B	30H
Max. prop shaft output	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1050 – 1150 r/min	
Fuel consumption	11.0 L/h @5500 r/min	12.0 L/h @5500 r/min

Engine		
Engine type	In-line 2	
Displacement	496 cm^3	
Bore × stroke	72.0 × 61.0 mm	
Compression ratio	6.2 :1	7.0 :1
Starting enrichment	Manual choke	
Scavenging	Loop charge	
Fuel induction system	1 carburetor	
Lubrication system	Pre-mixed fuel and oil	
Oil - fuel mixing ratio	50 :1 (OCE, ZAF, CRB 100 :1)	
Engine oil capacity	—	
Ignition system	CDI	
Ignition timing	ATDC 2.0 – BTDC 22.0 deg.	ATDC 2.0 – BTDC 25.0 deg.
Spark plug	B7HS-10	B8HS-10
Alternator	80 W (W: 6 A)	80 W (W, WH: 6 A)
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive		
Trim	5 positions	
Shallow water drive	1 position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	2.08 (27/13)	
Gear oil capacity	0.320 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	MH: S, L, X / W: L	MH: S, L / W, WH: L
Engine transom height	S : 423 mm (16.7 in), L : 550 mm (21.7 in), X : 636 mm (25.0 in)	

FEATURE TABLE

CATEGORY	FEATURE ITEM	25B MH	25B W
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	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	●
	Remote control (electric start model)	—	●
Convenience	Shallow water drive	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	25B MH	25B W
Lighting coil	●	—
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	●

REMOTE CONTROL BOX	25B MH	25B W
703 / 704 remote control	—	●

INSTRUMENTS	25B MH	25B W
6Y5 instruments	—	—
6Y7 instruments	—	●

PROPELLER	25B MH	25B W
Standard propeller	F	F
• Traditional propeller	—	—
• Weedless propeller	F	F
• Dual thrust propeller	—	—

CONSUMES	25B MH	25B W
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	30H MH	30H WH	30H W
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	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	—	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	●	●	●*

* : Except Russia

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	30H MH	30H WH	30H W
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	30H MH	30H WH	30H W
703 / 704 remote control	—	—	●

INSTRUMENTS	30H MH	30H WH	30H W
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	30H MH	30H WH	30H W
Standard propeller	F	F	F
• Traditional propeller	—	—	—
• Weedless propeller	F	F	F
• Dual thrust propeller	—	—	—

CONSUMES	30H MH	30H WH	30H W
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

E40G
E40J

ENDURO Gasoline



E40J

MODEL CODE
(Approved code)

E40G	6F6 (6F6K)
E40J	6J4 (6J4K)

MODELS AVAILABLE

Tiller Handle

E40G	MH, WH
E40J	MH, WH

Remote Control

E40J	W

Dry weight
65 – 71 kg

SPECIFICATIONS

Performance	E40G	E40J
Max. prop shaft output	29.4 kW (40 ps)	
Full throttle operating range	4500 – 5500 r/min	
Idling speed	1100 – 1200 r/min	
Fuel consumption	20.0 L/h @5500 r/min	

Engine		
Engine type	In-line 2	
Displacement	669 cm^3	
Bore × stroke	78.0 × 70.0 mm	
Compression ratio	6.3 :1	
Starting enrichment	Manual choke	
Scavenging	Loop charge	
Fuel induction system	1 dual throat carburetor	
Lubrication system	Pre-mixed fuel and oil	
Oil - fuel mixing ratio	50 :1	
Engine oil capacity	—	
Ignition system	CDI	
Ignition timing	BTDC 4.0 – BTDC 23.0 deg.	
Spark plug	B7HS	
Alternator	80 W (WH: 6 A)	80 W (W, WH: 6 A)
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Under water	Through propeller boss

Bracket / Drive		
Trim	5 positions	
Shallow water drive	—	
Steering angle	45 deg. each direction	
Gear shift	F-N-R	
Gear ratio	1.85 (24/13)	2.00 (26/13)
Gear oil capacity	0.315 L	
Propeller fitting	Drive pin	Spline
Propeller rotation	Clockwise	
Shaft length	MH: S, L WH: L	MH: S, L, Y W, WH: L
Engine transom height	S : 444 mm (17.5 in), L : 571 mm (22.5 in)	S : 421 mm (16.6 in), L : 548 mm (21.6 in), Y : 598 mm (23.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40G MH	E40G WH
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	●	●
	Gasoline [Regular]	●	●
Control	Instruments (electric start model)	—	—
	Remote control (electric start model)	—	—
Convenience	Shallow water drive	—	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40G MH	E40G WH
Lighting coil	●	—
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	—

REMOTE CONTROL BOX	E40G MH	E40G WH
703 / 704 remote control	—	—

INSTRUMENTS	E40G MH	E40G WH
6Y5 instruments	—	—
6Y7 instruments	—	—

PROPELLER	E40G MH	E40G WH
Standard propeller	—	—
• Traditional propeller	H	H
• Weedless propeller	—	—
• Dual thrust propeller	—	—

CONSUMES	E40G MH	E40G WH
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40J MH	E40J WH	E40J W
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	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	—	●
	Remote control (electric start model)	—	—	●
Convenience	Shallow water drive	—	—	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40J MH	E40J WH	E40J W
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E40J MH	E40J WH	E40J W
703 / 704 remote control	—	—	●

INSTRUMENTS	E40J MH	E40J WH	E40J W
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E40J MH	E40J WH	E40J W
Standard propeller	G	G	G
• Traditional propeller	—	—	—
• Weedless propeller	—	—	—
• Dual thrust propeller	—	—	—

CONSUMES	E40J MH	E40J WH	E40J W
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

EK40G

ENDURO Kerosene



EK40G

MODEL CODE
(Approved code)

EK40G	6F5 (6F5K)

Tiller Handle

EK40G	MH

Dry weight
68 kg

SPECIFICATIONS

Performance	EK40G
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	1050 – 1150 r/min
Fuel consumption	19.5 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	669 cm^3
Bore × stroke	78.0 × 70.0 mm
Compression ratio	5.0 :1
Starting enrichment	Manual enrichment
Scavenging	Loop charge
Fuel induction system	1 dual throat carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	30 :1
Engine oil capacity	—
Ignition system	CDI
Ignition timing	BTDC 9.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	80 W
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Under water

Bracket / Drive	
Trim	5 positions
Shallow water drive	—
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	1.85 (24/13)
Gear oil capacity	0.315 L
Propeller fitting	Drive pin
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 571 mm (22.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	EK40G MH
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	●
	Gasoline [Regular]	—
Control	Instruments (electric start model)	—
	Remote control (electric start model)	—
Convenience	Shallow water drive	—

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	EK40G MH
Lighting coil	●
Portable fuel tank	●
Spark plug	●
Steering guide attachment	—

REMOTE CONTROL BOX	EK40G MH
703 / 704 remote control	—

INSTRUMENTS	EK40G MH
6Y5 instruments	—
6Y7 instruments	—

PROPELLER	EK40G MH
Standard propeller	—
• Traditional propeller	H
• Weedless propeller	—
• Dual thrust propeller	—

CONSUMES	EK40G MH
Yamalube 2, 2M	●
Yamalube gear oil (GL4)	●
Yamaha grease A	●
Yamaha grease D	●

— : N/A (Not available)

40X



40X

MODEL CODE
(Approved code)

40X	6GK (66TK)

MODELS AVAILABLE

Tiller Handle

40X	MH

Remote Control

40X	W, WT

Dry weight
72 – 81 kg

SPECIFICATIONS

Performance	40X
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	20.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	703 cm^3
Bore × stroke	80.0 × 70.0 mm
Compression ratio	6.0 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (EUR, OCE, RUS, ZAF 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	MH: 80 W (optional) W, WT: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	7 positions
Shallow water drive	Manual: 2 positions WT: PTT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH, W: S, L / WT: L
Engine transom height	S: 424 mm (16.7 in), L: 550 mm (21.7 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	40X MH	40X W	40X WT
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	●	●	●
	Gasoline [Regular]	●	●	●
Control	Instruments (electric start model)	—	●	●
	Remote control (electric start model)	—	●	●
Convenience	Shallow water drive	●	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40X MH	40X W	40X WT
Lighting coil	●	—	—
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	●	●

REMOTE CONTROL BOX	40X MH	40X W	40X WT
703 / 704 remote control	—	●	●

INSTRUMENTS	40X MH	40X W	40X WT
6Y5 instruments	—	—	—
6Y7 instruments	—	●	●

PROPELLER	40X MH	40X W	40X WT
Standard propeller	G	G	G
• Traditional propeller	—	—	—
• Weedless propeller	—	—	—
• Dual thrust propeller	—	—	—

CONSUMES	40X MH	40X W	40X WT
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

— : N/A (Not available)

E40X

ENDURO Gasoline



E40X

MODEL CODE
(Approved code)

E40X	6GK (66TK)

MODELS AVAILABLE

Tiller Handle

E40X	MH, WH

Remote Control

E40X	W, WT*

* : CHN

Dry weight
72 – 81 kg

SPECIFICATIONS

Performance	E40X
Max. prop shaft output	29.4 kW (40 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	20.0 L/h @5500 r/min

Engine	
Engine type	In-line 2
Displacement	703 cm^3
Bore × stroke	80.0 × 70.0 mm
Compression ratio	6.0 :1
Starting enrichment	Manual choke
Scavenging	Loop charge
Fuel induction system	1 carburetor
Lubrication system	Pre-mixed fuel and oil
Oil - fuel mixing ratio	50 :1 (RUS 100 :1)
Engine oil capacity	—
Ignition system	CDI
Ignition timing	ATDC 2.0 – BTDC 23.0 deg.
Spark plug	B7HS
Alternator	80 W (optional) W, WH, WT: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	7 positions
Shallow water drive	Manual: 2 positions WT: PTT: variable position
Steering angle	45 deg. each direction
Gear shift	F-N-R
Gear ratio	2.00 (26/13)
Gear oil capacity	0.430 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MH: S, L, X / WH, WT: L / W: S, L
Engine transom height	S: 424 mm (16.7 in), L: 550 mm (21.7 in), X: 649 mm (25.6 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E40X MH	E40X WH	E40X W	E40X WT
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	●	●	●	●
	Gasoline [Regular]	●	●	●	●
Control	Instruments (electric start model)	—	—	●	●
	Remote control (electric start model)	—	—	●	●
Convenience	Shallow water drive	●	●	●	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	E40X MH	E40X WH	E40X W	E40X WT
Lighting coil	●	—	—	—
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	—	—	●	●

REMOTE CONTROL BOX	E40X MH	E40X WH	E40X W	E40X WT
703 / 704 remote control	—	—	●	●

INSTRUMENTS	E40X MH	E40X WH	E40X W	E40X WT
6Y5 instruments	—	—	—	—
6Y7 instruments	—	—	●	●

PROPELLER	E40X MH	E40X WH	E40X W	E40X WT
Standard propeller	G	G	G	G
• Traditional propeller	—	—	—	—
• Weedless propeller	—	—	—	—
• Dual thrust propeller	—	—	—	—

CONSUMES	E40X MH	E40X WH	E40X W	E40X WT
Yamalube 2, 2M	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

— : N/A (Not available)

40V
50H



50H

MODEL CODE
(Approved code)

40V	**63B, 63C*, 63D (6H4K)**
50H	**63G, 62X (6H5K)**

MODELS AVAILABLE

Tiller Handle

40V	**MHO*, MHD,**
50H	**MHO**

Remote Control

40V	**EO*, ETO**
50H	**ETO**

* : EU

Dry weight

40V	75 – 88 kg
50H	75 – 88 kg

SPECIFICATIONS

Performance	**40V**	**50H**
Max. prop shaft output	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	4500 – 5500 r/min	
Idling speed	750 – 850 r/min	
Fuel consumption	18.5 L/h @5500 r/min	22.0 L/h @5500 r/min

Engine		
Engine type	In-line 3	
Displacement	698 cm^3	
Bore × stroke	67.0 × 66.0 mm	
Compression ratio	6.0 :1	
Starting enrichment	MHO, MHD: Manual choke EO, ETO: Prime start	MHO, Manual choke ETO: Prime start
Scavenging	Loop charge	
Fuel induction system	3 carburetors	
Lubrication system	MHD: Pre-mixed fuel and oil MHO, EO, ETO: Oil injection	Oil injection
Oil - fuel mixing ratio	MHD: 50 :1	
Engine oil capacity	MHO, EO, ETO: 1.5 L	1.5 L
Ignition system	CDI	
Ignition timing	ATDC 7.0 – BTDC 25.0 deg.	
Spark plug	B7HS-10	B8HS-10
Alternator	6 A (except MHD)	ETO: 6 A
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive		
Trim	5 positions	
Shallow water drive	ETO: PTT: variable position MHD: Hydro: variable position	
Steering angle	40 deg. each direction	
Gear shift	F-N-R	
Gear ratio	1.85 (24/13)	
Gear oil capacity	0.430 L	
Propeller fitting	Spline	
Propeller rotation	Clockwise	
Shaft length	MHD, ETO: L MHO, EO: S, L	MHO: S ETO: L
Engine transom height	S : 406 mm (16.0 in), L : 533 mm (21.0 in)	

FEATURE TABLE

CATEGORY	FEATURE ITEM	40V MHO	40V MHD
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	—	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40V MHO	40V MHD
Portable fuel tank	●	●
Spark plug	●	●
Steering guide attachment	—	—

REMOTE CONTROL BOX	40V MHO	40V MHD
703 / 704 remote control	—	—

INSTRUMENTS	40V MHO	40V MHD
6Y5 instruments	—	—
6Y7 instruments	—	—

PROPELLER	40V MHO	40V MHD
Standard propeller	G	G
"Pro" propeller	—	—

CONSUMES	40V MHO	40V MHD
Yamalube 2, 2M	●	●
Yamalube gear oil (GL4)	●	●
Yamaha grease A	●	●
Yamaha grease D	●	●

— : N/A (Not available)

FEATURE TABLE

CATEGORY	FEATURE ITEM	40V EO	40V ETO	50H MHO	50H ETO
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	●	●	—	●

OPTIONAL ACCESSORY GUIDE

OPTIONAL ACCESSORY	40V EO	40V ETO	50H MHO	50H ETO
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	●	●	—	●

REMOTE CONTROL BOX	40V EO	40V ETO	50H MHO	50H ETO
703 / 704 remote control	●	●	—	●

INSTRUMENTS	40V EO	40V ETO	50H MHO	50H ETO
6Y5 instruments	●	●	—	●
6Y7 instruments	—	—	—	—

PROPELLER	40V EO	40V ETO	50H MHO	50H ETO
Standard propeller	G	G	G	G
"Pro" propeller	—	—	—	—

CONSUMES	40V EO	40V ETO	50H MHO	50H ETO
Yamalube 2, 2M	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

— : N/A (Not available)

E60H

ENDURO Gasoline



E60H

MODEL CODE
(Approved code)

E60H	69D (6K5K)

MODELS AVAILABLE

Tiller Handle

E60H	MHD, WHD

Remote Control

E60H	WD

Dry weight
96 – 105 kg

SPECIFICATIONS

Performance	E60H
Max. prop shaft output	44.1 kW (60 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	950 – 1050 r/min
Fuel consumption	25.5 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	849 cm^3
Bore × stroke	72.0 × 69.5 mm
Compression ratio	6.1 :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	ATDC 2.0 – BTDC 19.0 deg.
Spark plug	B8HS-10
Alternator	MHD: 80 W WD, WHD: 6 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	Hydro: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	MHD: S, L, X / WHD, WD: L
Engine transom height	S: 450 mm (17.7 in), L: 571 mm (22.5 in), X: 648 mm (25.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E60H MHD	E60H WHD	E60H WD
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	E60H MHD	E60H WHD	E60H WD
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E60H MHD	E60H WHD	E60H WD
703 / 704 remote control	—	—	●

INSTRUMENTS	E60H MHD	E60H WHD	E60H WD
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E60H MHD	E60H WHD	E60H WD
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	E60H MHD	E60H WHD	E60H WD
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

60F
70B



70B

MODEL CODE
(Approved code)

60F	6CU (6H2K)
70B	6H3 (6H3K)

MODELS AVAILABLE

Remote Control	
60F	ET, ETO
70B	ETO

Dry weight
106 – 108 kg

SPECIFICATIONS

Performance	60F	70B
Max. prop shaft output	44.1 kW (60 ps)	51.5 kW (70 ps)
Full throttle operating range	4500 – 5500 r/min	5000 – 6000 r/min
Idling speed	750 – 850 r/min	
Fuel consumption	23.0 L/h @5500 r/min	26.0 L/h @5500 r/min

Engine		
Engine type	In-line 3	
Displacement	849 cm^3	
Bore × stroke	72.0 × 69.5 mm	
Compression ratio	6.1 :1	
Starting enrichment	Prime start	
Scavenging	Loop charge	
Fuel induction system	3 carburetors	
Lubrication system	ET: Pre-mixed fuel and oil, ETO: Oil injection	
Oil - fuel mixing ratio	ET: 50 :1	—
Engine oil capacity	ETO: 2.8 L	2.8 L
Ignition system	CDI	
Ignition timing	ATDC 7.0 – BTDC 22.0 deg.	ATDC 7.0 – BTDC 20.0 deg.
Spark plug	B8HS-10	
Alternator	6 A	
Cooling system	Raw-water, thermostatically controlled	
Exhaust system	Through propeller boss	

Bracket / Drive	
Trim	— (continuously variable)
Shallow water drive	PTT: variable position
Steering angle	35 deg. each direction
Gear shift	F-N-R
Gear ratio	2.33 (28/12)
Gear oil capacity	0.610 L
Propeller fitting	Spline
Propeller rotation	Clockwise
Shaft length	L
Engine transom height	L : 521 mm (20.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	60F ET	60F ETO	70B ETO
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	60F ET	60F ETO	70B ETO
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	●	●	●

REMOTE CONTROL BOX	60F ET	60F ETO	70B ETO
703 / 704 remote control	●	●	●

INSTRUMENTS	60F ET	60F ETO	70B ETO
6Y5 instruments	—	●	●
6Y7 instruments	●	—	—

PROPELLER	60F ET	60F ETO	70B ETO
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	K	K	K

CONSUMES	60F ET	60F ETO	70B ETO
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

E75B

ENDURO Gasoline



E75B

MODEL CODE
(Approved code)

E75B	6GJ (6GJK)

MODELS AVAILABLE

Tiller Handle

E75B	MHD, EHD

Remote Control

E75B	ED

Dry weight

E75B	112 – 121 kg

SPECIFICATIONS

Performance	E75B
Max. prop shaft output	55.2 kW (75 ps)
Full throttle operating range	4500 – 5500 r/min
Idling speed	750 – 850 r/min
Fuel consumption	34.0 L/h @5500 r/min

Engine	
Engine type	In-line 3
Displacement	1140 cm^3
Bore × stroke	82.0 × 72.0 mm
Compression ratio	4.5 :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	ATDC 2.0 – BTDC 22.0 deg.
Spark plug	B8HS-10
Alternator	10 A
Cooling system	Raw-water, thermostatically controlled
Exhaust system	Through propeller boss

Bracket / Drive	
Trim	5 positions
Shallow water drive	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	L, Y, X
Engine transom height	L: 516 mm (20.3 in) / MHD: L: 521 mm (20.5 in), Y: 572 mm (22.5 in), X: 643 mm (25.3 in) / MHD: X: 648 mm (25.5 in)

FEATURE TABLE

CATEGORY	FEATURE ITEM	E75B MHD	E75B EHD	E75B 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	E75B MHD	E75B EHD	E75B ED
Portable fuel tank	●	●	●
Spark plug	●	●	●
Steering guide attachment	—	—	●

REMOTE CONTROL BOX	E75B MHD	E75B EHD	E75B ED
703 / 704 remote control	—	—	●

INSTRUMENTS	E75B MHD	E75B EHD	E75B ED
6Y5 instruments	—	—	—
6Y7 instruments	—	—	●

PROPELLER	E75B MHD	E75B EHD	E75B 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	E75B MHD	E75B EHD	E75B ED
Yamalube 2, 2M	●	●	●
Yamalube gear oil (GL4)	●	●	●
Yamaha grease A	●	●	●
Yamaha grease D	●	●	●

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	●	●	●

150A L150A 200A L200A



200A

MODEL CODE
(Approved code)

150A	6G4 (6G4)
L150A	6K0 (6K0)
200A	60H (6G6)
L200A	60J (6K1)

MODELS AVAILABLE

Remote Control	
150A	ET
L150A	ET
200A	ET
L200A	ET

Dry weight

150A	178 – 184 kg
L150A	186 kg
200A	178 – 184 kg
L200A	186 kg

SPECIFICATIONS

Performance	150A	L150A	200A	L200A
Max. prop shaft output	110.3 kW (150 ps)		147.1 kW (200 ps)	
Full throttle operating range	4500 – 5500 r/min			
Idling speed	675 – 725 r/min			
Fuel consumption	72.0 L/h @5500 r/min		81.0 L/h @5500 r/min	

Engine				
Engine type	90 deg. V6			
Displacement	2596 cm^3			
Bore × stroke	90.0 × 68.0 mm			
Compression ratio	6.2 :1		5.9 :1	
Starting enrichment	Manual choke			
Scavenging	Loop charge			
Fuel induction system	3 dual throat carburetors			
Lubrication system	Pre-mixed fuel and oil			
Oil - fuel mixing ratio	50 :1			
Engine oil capacity	—			
Ignition system	CDI			
Ignition timing	ATDC 7.0 – BTDC 19.0 deg.		ATDC 7.0 – BTDC 18.0 deg.	
Spark plug	B8HS-10 / BR8HS-10 (CHN)			
Alternator	14 A			
Cooling system	Raw-water, thermostatically controlled			
Exhaust system	Through propeller boss			

Bracket / Drive				
Trim	— (continuously variable)			
Shallow water drive	PTT: variable position			
Steering angle	35 deg. each direction			
Gear shift	F-N-R			
Gear ratio	1.86 (26/14)			
Gear oil capacity	0.980 L	0.870 L	0.980 L	0.870 L
Propeller fitting	Spline			
Propeller rotation	Clockwise	Counter clockwise	Clockwise	Counter clockwise
Shaft length	L, X	X	L, X	X
Engine transom height	L: 516 mm (20.3 in), X: 642 mm (25.3 in)			

FEATURE TABLE

CATEGORY	FEATURE ITEM	150A ET	L150A ET	200A ET	L200A ET
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	●	●	●	●
	Direct injection (HPDI)	—	—	—	—
	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	150A ET	L150A ET	200A ET	L200A ET
Portable fuel tank	●	●	●	●
Spark plug	●	●	●	●
Steering guide attachment	●	●	●	●
Tie bar	●	●	●	●

REMOTE CONTROL BOX	150A ET	L150A ET	200A ET	L200A ET
703 / 704 remote control	●	●	●	●

INSTRUMENTS	150A ET	L150A ET	200A ET	L200A ET
6Y5 instruments	—	—	—	—
6Y7 instruments	●	●	●	●

PROPELLER	150A ET	L150A ET	200A ET	L200A ET
Standard propeller	M	ML	M	ML
	M2	ML1	M2	ML1
"Reliance SDS" propeller	M	ML	M	ML
"Performance 3 SDS" propeller	M	ML	M	ML
"Saltwater" propeller	M	ML	M	ML
"Saltwater II SDS" propeller	T	TL	T	TL
"Saltwater HS4 SDS" propeller	T	TL	T	TL
"Pro" propeller	—	—	—	—

CONSUMES	150A ET	L150A ET	200A ET	L200A ET
Yamalube 2, 2M	●	●	●	●
Yamalube gear oil (GL4)	●	●	●	●
Yamaha grease A	●	●	●	●
Yamaha grease D	●	●	●	●

MERCURY

Exhaust Emission
★★ : Carb 2004 2-star
★★★ : Carb 2008 3-star

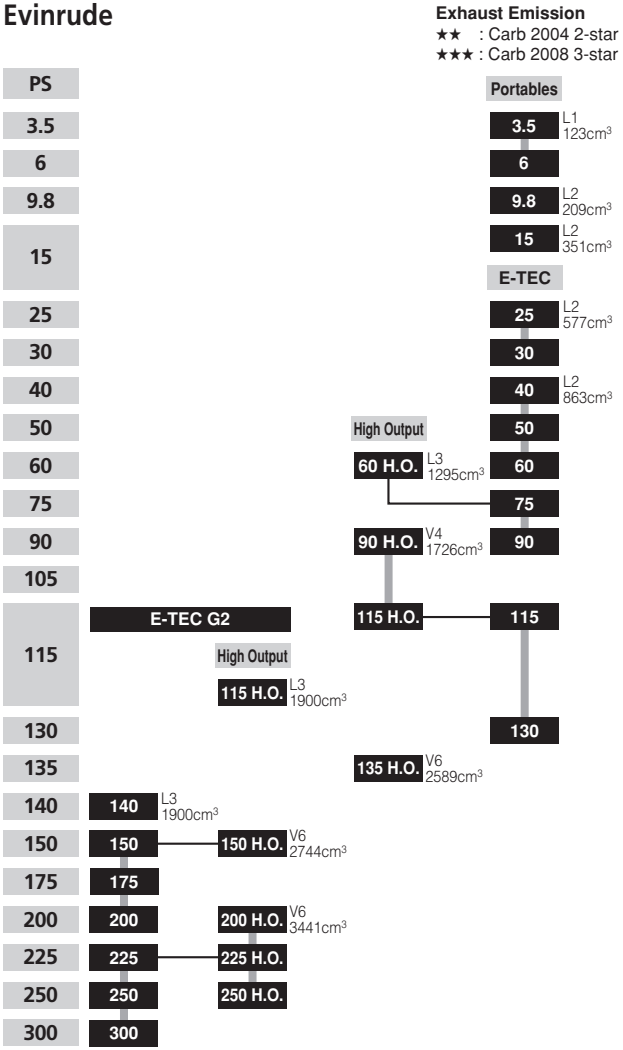
Model	3.3	4	5	6
Max.prop shaft output	2.5 kW (3.3 ps)	3 kW (4 ps)	3.7 kW (5 ps)	4.5 kW (6 ps)
Full throttle operating range	4,500 – 5,500 r/min	4,500 – 5,500 r/min	4,000 – 5,000 r/min	4,500 – 5,500 r/min
Engine type	1-cylinder	1-cylinder	1-cylinder	In-line 2
Displacement	74.6 cm³	102 cm³	102 cm³	169 cm³
Bore × stroke	47 × 43 mm	55 × 43 mm	55 × 43 mm	50 × 43 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	—	—	—
Ignition system	—	—	—	—
Alternator	—	—	—	—
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	2.15:1	2.15:1	2.15:1	2.08:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381 mm (15 inch)	381 mm (15 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	13 kg~	20 kg~	20 kg~	26 kg~

Model	8	9.9 LW	9.9 Super	15 Super
Max.prop shaft output	6 kW (8 ps)	7.2 kW (9.9 ps)	7.4 kW (9.9 ps)	11.4 kW (15 ps)
Full throttle operating range	4,500 – 5,500 r/min	5,000 – 6,000 r/min	4,500 – 5,300 r/min	5,200 – 5,800 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	169 cm^3	169 cm^3	247 cm^3	294 cm^3
Bore × stroke	50 × 43 mm	50 × 43 mm	55 × 52 mm	60 × 52 mm
Starting system	Manual	Electric & manual	Manual	Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Lubrication system	—	Pre-Mix	Pre-Mix	—
Ignition system	—	CDI w/electronic spark advance	—	—
Alternator	—	7 A/80 W	—	—
Cooling system	—	Water-cooled with thermostat	—	—
Exhaust system	—	Through prop	Through prop	—
Gear shift	—	F-N-R	F-N-R	—
Gear ratio	2.08:1	2.08:1	1.84:1	1.85:1
Trim & tilt	Manual	Manual	Manual	Manual
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	26 kg~	26 kg~	41 kg~	41 kg~

Model	25	30	40	40 Super
Max.prop shaft output	18.4 kW (25 ps)	22.5 kW (30 ps)	29.8 kW (40 ps)	29.8 kW (40 ps)
Full throttle operating range	5,000 – 6,000 r/min	4,750 – 5,500 r/min	5,000 – 5,700 r/min	5,000 – 5,700 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 3
Displacement	430 cm^3	430 cm^3	644 cm^3	697 cm^3
Bore × stroke	68 × 59 mm	68 × 59 mm	76 × 71 mm	65 × 64 mm
Starting system	Electric & manual	Electric & manual	Electric	Electric & manual
Fuel induction system	Carburetor	Carburetor	Carburetor	—
Lubrication system	—	—	—	—
Ignition system	—	—	—	—
Alternator	—	—	18 A/226 W	—
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	1.92:1	1.92:1	2.00:1	1.85:1
Trim & tilt	Manual	Manual	PT	PT
Engine transom height	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	508 mm (20 inch)	381, 508 mm (15, 20 inch)
Dry weight	51 kg~	51 kg~	78 kg~	72 kg

Model	50 (697 cm³)	50 (967 cm³)	60	250
Max.prop shaft output	37.3 kW (50 ps)	37.3 kW (50 ps)	44.8 kW (60 ps)	186 kW (250 ps)
Full throttle operating range	5,150 – 5,850 r/min	5,000 – 5,500 r/min	5,000 – 5,500 r/min	5,000 – 5,800 r/min
Engine type	In-line 3	In-line 3	In-line 3	V6
Displacement	697 cm³	967 cm³	967 cm³	3,032 cm³
Bore × stroke	68 × 64 mm	76 × 71 mm	76 × 71 mm	92 × 76 mm
Starting system	Manual	Electric	Electric	Electric
Fuel induction system	Carburetor	Carburetor	Carburetor	Electronic fuel injection
Lubrication system	—	—	—	—
Ignition system	CDI	—	—	—
Alternator	—	—	—	60 A/756 W
Cooling system	—	—	—	—
Exhaust system	—	—	—	—
Gear shift	—	—	—	—
Gear ratio	1.85:1	1.83:1	1.64:1	1.75:1
Trim & tilt	Manual	PT	PT	PT
Engine transom height	508 mm (20 inch)	508 mm (20 inch)	508 mm (20 inch)	762 mm (30 inch)
Dry weight	72 kg	93 kg~	99.5 kg~	239 kg~

Evinrude



E-TEC High Output

Model	60H.O.	90 H.O.	115H.O.	135 H.O.
Max.prop shaft output	44 kW (60 ps)	66 kW (90 ps)	84.6 kW (115 ps)	99 kW (135 ps)
Full throttle operating range	5,000 – 5,500 r/min	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,300 – 6,000 r/min
Engine type	In-line 3, E-TEC D.I.	V4 60° E-TEC D.I.	V4 60° E-TEC D.I.	V6 60° E-TEC D.I.
Displacement	1,295 cm³	1,726 cm³	1,726 cm³	2,589 cm³
Bore × stroke	92 × 66 mm	92 × 66 mm	92 × 66 mm	92 × 66 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	81 A	133 A	133 A	133 A
Gear ratio	2.36:1	2.00:1 (20 inch), 2.25:1(25 inch)	2.00:1 (20 inch)	1.86:1 (20 inch), 1.85:1 (25 inch)
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	145 kg	177 kg	177 kg	190 – 196 kg

E-TEC

Model	30, 25	60, 50, 40	90, 75	115
Max.prop shaft output	22 kW (30 ps), 18 kW (25 ps)	44 kW (60 ps), 36 kW (50 ps), 29 kW (40 ps)	66 kW (90 ps), 55 kW (75 ps)	84.6 kW (115 ps)
Full throttle operating range	5,500 – 6,000 r/min	5,500 – 6,000 r/min	5,000 – 5,500 r/min	5,500 – 6,000 r/min
Engine type	In-line 2, E-TEC D.I.	In-line 2, E-TEC D.I.	In-line 3, E-TEC D.I.	V4 60° E-TEC D.I.
Displacement	575 cm^3	864 cm^3	1,295 cm^3	1,726 cm^3
Bore × stroke	76 × 64 mm	92 × 66 mm	92 × 66 mm	92 × 66 mm
Starting system	Electric or rope	Electric (60, 50), Electric or rope (40)	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	56 A	81 A	81 A	133 A
Gear ratio	2.15:1	2.90:1	2.00:1(20”)	2.00:1 (20”) 2.25:1 (25”)
Trim & tilt	PTT or Manual	PTT (60, 50) PTT or Manual (40)	PTT	PTT
Engine transom height	381, 508 mm (15, 20 inch)	508 mm (20 inch)	508, 635 mm (20, 25 inch) (90), 508 mm (20 inch) (75)	508, 635 mm (20, 25 inch)
Dry weight	68 – 85 kg	109 – 113 kg (60, 50), 105 – 113 kg (40)	145 – 152 kg	177 – 184 kg

E-TEC

Model	130
Max.prop shaft output	95.6 kW (130 ps)
Full throttle operating range	5,500 – 6,000 r/min
Engine type	V4 60° E-TEC D.I.
Displacement	1,726 cm^3
Bore × stroke	91 × 66 mm
Starting system	—
Fuel induction system	E-TEC Direct Injection
Alternator	133 A
Gear ratio	—
Trim & tilt	Mechanical
Engine transom height	—
Dry weight	177 – 184 kg

E-TEC G2 High Output

Model	115H.O.	150H.O.	200H.O.	225H.O.
Max.prop shaft output	84.6 kw (115 ps)	110 kW (150 ps)	146 kW (115 ps)	165 kW (225 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,400 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	Inline 3 E-TEC D.I.	V6 66° E-TEC D.I.	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.
Displacement	1,900 cm^3	2,744 cm^3	3,441 cm^3	3,441 cm^3
Bore × stroke	98 × 82.6 mm	86 × 78.7 mm	98 × 76 mm	98 × 76 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	14 A / 22 W	133 A	133 A	133 A
Gear ratio	2.08:1	2.17:1	1.85:1	1.85:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25inch)	508, 635, 762 mm (20, 25, 30inch)	508, 635, 762 mm (20, 25, 30inch)
Dry weight	177 – 193 kg	225 – 245 kg	248 – 253 kg	248 – 253 kg

E-TEC G2 High Output

Model	250H.O.
Max.prop shaft output	183 kW (250 ps)
Full throttle operating range	5,400 – 6,000 r/min
Engine type	V6 74° E-TEC D.I.
Displacement	3,441 cm^3
Bore × stroke	98 × 76 mm
Starting system	Electric
Fuel induction system	E-TEC Direct Injection
Alternator	133 A
Gear ratio	1.85:1
Trim & tilt	PTT
Engine transom height	508, 635, 762 mm (20, 25, 30inch)
Dry weight	248 – 253 kg

E-TEC G2

Model	140	150	175	200
Max.prop shaft output	102.9 kw (140 ps)	110 kW (150 ps)	128.7 kw (175 ps)	146 kW (200 ps)
Full throttle operating range	5,000 - 6,000 r/min	5,000 – 6,000 r/min	5,000 - 6,000 r/min	5,000 – 6,000 r/min
Engine type	Inline 3 E-TEC D.I.	V6 74° E-TEC D.I.	V6 66°E-TEC D.I.	V6 66° E-TEC D.I.
Displacement	1,900 cm^3	2,744 cm^3	2,744 cm^3	2,744 cm^3
Bore × stroke	98 × 82.6 mm	98 × 82.6 mm	78.7 × 86 mm	86 × 78.7 mm
Starting system	Electric	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	14 A / 22 W	14A / 22W	133 A	133 A
Gear ratio	2.08:1	2.08:1	2.17:1	2.17:1
Trim & tilt	PTT	PTT	PTT	PTT
Engine transom height	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)	508, 635 mm (20, 25 inch)
Dry weight	177 – 193 kg	180 – 196 kg	233 – 245 kg	230 – 245 kg

E-TEC G2

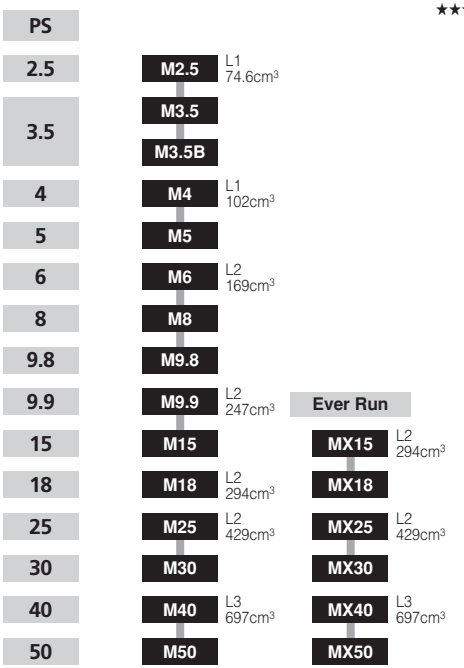
Model	225	250	300
Max.prop shaft output	165 kW (225 ps)	183 kW (250 ps)	220 kW (300 ps)
Full throttle operating range	5,400 – 6,000 r/min	5,400 – 6,000 r/min	5,400 – 6,000 r/min
Engine type	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.	V6 74° E-TEC D.I.
Displacement	3,441 cm^3	3,441 cm^3	3,441 cm^3
Bore × stroke	98 × 76 mm	98 × 76 mm	98 × 76 mm
Starting system	Electric	Electric	Electric
Fuel induction system	E-TEC Direct Injection	E-TEC Direct Injection	E-TEC Direct Injection
Alternator	133 A	133 A	133 A
Gear ratio	1.85:1	1.85:1	1.85:1
Trim & tilt	PTT	PTT	PTT
Engine transom height	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)	508, 635, 762 mm (20, 25, 30 inch)
Dry weight	244 kg	253 – 259 kg	248 – 263 kg

Portables

Model	3.5	6	9.8	15
Max.prop shaft output	2.5 kW (3.5 ps)	4.4 kW (6 ps)	7.18 kW (9.8 ps)	11 kW (15 ps)
Full throttle operating range	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min	5,000 – 6,000 r/min
Engine type	1-cylinder	1-cylinder	2-cylinder	2-cylinder
Displacement	87 cm^3	123 cm^3	210 cm^3	351 cm^3
Bore × stroke	55 × 36 mm	59 × 45 mm	55 × 44 mm	61 × 60 mm
Starting system	Manual	Manual	Electric or Manual	Electric or Manual
Fuel induction system	Carburetor	Carburetor	Carburetor	Carburetor
Alternator	Option: 5 A	Only on Electric models: 5A, 6A, 12A	Only on Electric models: 5A, 6A, 12A	Only on Electric models: 5A, 6A, 12A
Gear ratio	2.15:1	2.15:1	2.08:1	2.15:1
Trim & tilt	Manual	Manual	PT or Manual	Manual
Engine transom height	381 mm (15 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)	381, 508 mm (15, 20 inch)
Dry weight	18.4 kg	25 – 26 kg	37 – 47 kg	52 kg

TOHATSU

Exhaust Emission
★★ : Carb 2004 2-star
★★★ : Carb 2008 3-star



Model	M2.5	M3.5	M3.5B	M4 (ONLY AUST.)
Max.prop shaft output	1.8 kW (2.5 ps)	2.6 kW (3.5 ps)	2.6 kW (3.5 ps)	2.9 kW (4 ps)
Full throttle operating range	3,800-5,200 r/min	4,200 – 5,300 r/min	4,200-5,300 r/min	4,500 – 5,500 r/min
Engine type	1-Cylinder	1-Cylinder	1-Cylinder	1-Cylinder
Displacement	74.6 cm3	74.6 cm³	74.6 cm3	102 cm³
Bore × stroke	47 × 43 mm	47 × 43 mm	47 × 43 mm	55 × 43 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	—
Gear ratio	1.85:1	2.15:1	2.15:1	2.15:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle
Engine transom height	15, 20 inch	15, 20 inch	15, 20 inch	15, 20 inch
Dry weight	12.5 kg	12.5 – 13 kg	13 kg	20 kg

Model	M5 (ONLY AUST.)	M6	M8	M9.8
Max.prop shaft output	3.7 kW (5 ps)	4.4 kW (6 ps)	5.9 kW (8 ps)	7.2 kW (9.8 ps)
Full throttle operating range	4,500 – 5,500 r/min	4,500-5,500 r/min	4,500-5,500 r/min	5,000 – 6,000 r/min
Engine type	1-Cylinder	In-line 2	In-line 2	In-line 2
Displacement	102 cm^3	169 cm^3	169 cm^3	169 cm^3
Bore × stroke	55 × 43 mm	50 × 43 mm	50 × 43 mm	50 × 43 mm
Starting system	Manual	Manual	Manual	Electric & Manual or Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	7A
Gear ratio	2.15:1	2.08:1	2.08:1	2.08:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle or Remote Control
Engine transom height	15, 20 inch (15 inch AUST ONLY)	15, 20 inch	15, 20 inch	15, 20, 25 inch
Dry weight	20 kg	26 kg	26 kg	26 kg

Model	M9.9	M15	M18	M25
Max.prop shaft output	7.3 kW (9.9 ps)	11 kW (15 ps)	13.2 kW (18 ps)	18.4 kW (25 ps)
Full throttle operating range	4,500 – 5,300 r/min	5,200 – 5,800 r/min	5,200 – 5,800 r/min	5,000 – 6,000 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	247 cm^3	247 cm^3	294 cm^3	429 cm^3
Bore × stroke	55 × 52 mm	55 × 52 mm	60 × 52 mm	68 × 59 mm
Starting system	Manual	Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	—	—	—
Alternator	—	7A	7A	7A
Gear ratio	1.85:1	1.85:1	1.85:1	1.92:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle or Remote Control	Tiller Handle or Remote Control
Engine transom height	15, 20 inch	15, 20 inch	15, 20 inch	15, 20 inch
Dry weight	41 kg	41 kg	41 kg	51 kg

Ever Run

Model	M30	M40	M50
Max.prop shaft output	22.1 kW (30 ps)	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	5,150 – 5,850 r/min	5,000 – 5,700 r/min	5,150 – 5,850 r/min
Engine type	In-line 2	In-line 3	In-line 3
Displacement	429 cm^3	697 cm^3	697 cm^3
Bore × stroke	68 × 59 mm	68 × 64 mm	68 × 64 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	—	—
Alternator	7A	11A	11A
Gear ratio	1.92:1	1.85:1	1.85:1
Trim & tilt	Tiller Handle or Remote Control	Remote Control or Tiller Handle	Remote Control or Tiller Handle
Engine transom height	15, 20 inch	15, 20, 25.5 inch	15, 20 inch
Dry weight	51 kg	72 kg	72 kg

Ever Run

Model	MX15	MX18	MX25	MX30
Max.prop shaft output	11 kW (15 ps)	13.2 kW (18 ps)	18.4 kW (25 ps)	22.1 kW (30 ps)
Full throttle operating range	4,500-5,500 r/min	5,200-5,800 r/min	5,000-6,000 r/min	5,150 – 5,850 r/min
Engine type	In-line 2	In-line 2	In-line 2	In-line 2
Displacement	294 cm^3	294 cm^3	429 cm^3	429 cm^3
Bore × stroke	60 × 52 mm	60 × 52 mm	68 × 59 mm	68 × 59 mm
Starting system	Manual	Manual	Manual	Manual
Fuel induction system	—	—	—	—
Alternator	—	—	—	—
Gear ratio	1.85:1	1.85:1	1.92:1	1.92:1
Trim & tilt	Tiller Handle	Tiller Handle	Tiller Handle	Tiller Handle
Engine transom height	15, 20 inch	15, 20, 25 inch	15, 20, 25 inch	15, 20, 25 inch
Dry weight	41 kg	41 kg	51 kg	51 kg

Ever Run

Model	MX40	MX50
Max.prop shaft output	29.4 kW (40 ps)	36.8 kW (50 ps)
Full throttle operating range	5,000-5,800 r/min	5,000-5,800 r/min
Engine type	In-line 3	In-line 3
Displacement	697 cm^3	697 cm^3
Bore × stroke	68 × 64 mm	68 × 64 mm
Starting system	Electric & Manual or Manual	Electric & Manual or Manual
Fuel induction system	—	—
Alternator	—	—
Gear ratio	2.08:1	2.08:1
Trim & tilt	Tiller Handle	Tiller Handle
Engine transom height	15, 20, 22.5, 25 inch	15, 20, 22.5, 25 inch
Dry weight	72 kg	72 kg

NOTES

OPTIONAL ACCESSORIES



PRODUCT INFORMATION GUIDE 2020

■ YAMAHA REMOTE CONTROL BOXES

MECHANICAL REMOTE CONTROL BOX

● 703 remote control box

Side mount, all in one control box.
Variations available for choke switch, PTT switch, connector type and throttle cable movement.



● 6X3 remote control box

Flush mount remote control box.
Mechanism is located behind the wall.
Configured a new exclusive specification that takes into consideration how the center console boat is attached.



● 704 (single) remote control box

Top mount single engine control.
Variation available for the control lever right side or left side.



● 704 (twin) remote control box

Top mount dual engine control.
Twin tilt control and individual trim control switches provided.



DIGITAL ELECTRONIC REMOTE CONTROL BOX

● 6X6 (single) remote control box

Top mount single engine control.
Exclusively designed for digital control.



● 6X6 (twin) remote control box

Top mount dual engine control.
Exclusively designed for digital control.



● 6X6 (triple) remote control box

Top mount triple engine control.
Exclusively designed for digital control.



● 6X6 (quad) remote control box

Top mount quad engine control.
Exclusively designed for digital control.





■ YAMAHA REMOTE CONTROL BOXES

DIGITAL ELECTRONIC REMOTE CONTROL BOX

● 6X7 remote control box

Flush-side mount remote control box.
Exclusively designed for digital control.



NOTE

Refer to "RIGGING GUIDE" to catch up detailed information and find your optimum remote control box with essential accessories.

Type	703	704	6X3	6X6	6X7
Main (key) switch	(●)	—	—	—	—
Engine stop lanyard	●	—	(●)	—	●
Free acceleration	●	●	●	●	●
Start in gear protection	(●)	●	●	●	●
Choke switch	(●)	—	—	—	—
Power trim and tilt switch	(●)	(●)	●	●	●
Warning buzzer	(●)	—	—	—	—

(●): Available on variation

DIGITAL ELECTRONIC REMOTE CONTROL BOX

● 6ES control system (up to 4 engines)

Keyless entry system.
One remote control box controls throttle/shift control, trim/tilt control for all engines.
Automatic trim control available.
Joystick controls any direction and docking.



■ INSTRUMENTS
6Y7 ANALOG METER

● **Tachometer**




〈APPLCATION〉
4-stroke: 8 ps and over / 2-stroke: 9.9 ps and over

● **Speedometer**




〈APPLICATION〉
4-stroke: 30 ps and over / 2-stroke: 40 (L3) ps and over

● **Trim meter**




〈APPLICATION〉
All PTT models with trim sender

● **Water pressure meter**




〈APPLICATION〉
4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● **Water temperature meter**




〈APPLICATION〉
4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● **Voltage meter**




〈APPLICATION〉
All electric start models

● **Fuel meter**




〈APPLICATION〉
All electric start models

6Y7 DIGITAL METERS

● **Hour meter**




〈APPLICATION〉
All electric start models

OPTIONAL ACCESSORIES

6Y5 DIGITAL METER

● Tachometer



- Tacho (rpm)
- Trim position
- Oil pressure
- Overheat warning
- Hour: total/trip
- Water detector*
- Check engine warning*

* Depend on model

〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● Speedometer



- Speed
- Fuel quantity (with fuel warning)
- Trip (distance)
- Clock
- Low battery voltage warning

〈APPLICATION〉

4-stroke: 25 ps and over / 2-stroke: 40 (L3) ps and over

● Fuel management meter



- Twin engine speed synchronizer
- Fuel flow
- Fuel consumption
- Fuel economy
- Water separator warning

〈APPLICATION〉

115 ps and over

6Y8 DIGITAL NETWORK GAUGES

● Tachometer



- Tacho (rpm)
- Trim
- Hour: total/trip
- Cooling water: temperature/ pressure
- Oil: quantity/pressure
- Battery voltage
- Warning
- Immobilizer indication

〈APPLICATION〉

4-stroke: 25 ps and over Fuel Injection models

● Combination speedometer and fuel management meter



- Speed
- Fuel level (2 tanks)

Total:

- Consumed fuel
- Fuel economy
- Fuel consumption
- Remaining fuel

〈APPLICATION〉

4-stroke: 25 ps and over Fuel Injection models

OPTIONAL ACCESSORIES

6YC DIGITAL NETWORK GAUGES



〈APPLICATION〉
4-stroke: 25 ps and over
Fuel Injection models

CL7 TOUCHSCREEN DISPLAY



〈APPLICATION〉
F(L)150G, F(L)175C, F(L)200G,
F(L)225F, F(L)250D, F(L)300B,
F(L)300D, F(L)375A, F(L)425A

■ ONE-BUTTON CONTROL SWITCH PANELS

● One-button control start/ stop switch panel



Twin engines



Triple engines



All engines

● Main key switch panels



Single engine



Twin/ Triple engines

● Other switch panels

For 2nd station helm



Start/ Stop
(For single engine)



Emergency



Station selector

〈APPLICATION〉
F(L)150G, F(L)175C, F(L)200G,
F(L)225F, F(L)250D, F(L)300B,
F(L)300D, F(L)375A, F(L)425A

■ YAMAHA PROPELLERS

● Standard series



General-purpose propeller.
Balanced design on performance, acceleration top speed and loading.
Black painted stainless steel, polished stainless steel or white (black) painted aluminum finishing.
Right and left hand rotation available.



• Traditional propeller



Traditional simple design as no exhaust port on the hub.
White painted aluminum finishing or resin colored plastic.
Right hand rotation only.

• Weedless propeller



Special blade design minimized to build-up weeds around the hub.
Black painted stainless steel or white painted aluminum finishing.
Right hand rotation only.

• Dualthrust propeller



Produce same thrust for both ahead and astern.
Large diameter with low pitch for displacement boat.
White painted aluminum finishing or resin colored plastic.
Right hand rotation only.

● TALON SS series



Higher pitch variation on Talon SS SDS (Shift Dampener System) propeller for 50 – 130 PS range.
Rattle free and low ventilation provides comfortable cruising.
Wide pitch selection for various outboards and boats in range.

● TALON SS4 series



Adopts the same SDS damper structure as Talon SS and the wing shape of the GYT PERFORMANCE 4 series.
Rattle free and low vibration provides comfortable cruising.

● TALON PONTOON series



Rattle free and low vibration provides comfortable cruising.
Pitch selection for various outboards and pontoon boats in range.

● TALON GP series



Aimed to improve rattle sound, and cavitation resistance during trim up.

■ YAMAHA PROPELLERS

● TALON series

Shift Dampener System (SDS) greatly reduce shift shock and prop rattle. New blade design controls ventilation and provides smooth acceleration. White painted aluminium finishing. Right hand rotation only.



● RELIANCE series

All-around performance as upper class of Conventional propeller. Polished stainless steel finishing. Shift Dampener System (SDS) incorporated. Right and left hand rotation available.



● Performance 3 SDS series

Performance 3 SDS is the excellent general-purpose propellers. Coming with Yamaha's exclusive Shift Dampener System (SDS) making shifting into gear much quieter and smoother.



● SALTWATER / SALTWATER Ⅱ series

High rake and cupping for offshore fishing use. Shift Dampener System (SDS)*1 incorporated. Polished stainless steel finishing. Right and left hand rotation available.
*1: Except 6R4 / 6R1



● SALTWATER HS4 series

4 blades grip water provides high thrust, excellent acceleration, quick planing. Shift Dampener System (SDS) incorporated. Polished stainless steel finishing. Right and left hand rotation available.



● SALTWATER XL series
SALTWATER XL4 series

Designed for V8 5.3L 4 stroke outboards such as F(L)350A .
Shift Dampener System (SDS) incorporated.
Polished stainless steel finishing.
Right and left hand rotation available.





● XTO OS series

Specifically and exclusively designed only for the Yamaha's XTO F375/425 outboards.
The XTO OS literally generates extreme thrust output thanks to specially-designed blades and a massive blade surface area, providing excellent acceleration, cruising and top speed characteristics along with reduced ventilation.



● V MAX series

High-speed application with light weight boat on limited condition.
Polished stainless steel finishing.
Right hand rotation only.



● Pro series

For single outboard mounted on high speed light weight boat.
Polished stainless steel finishing.
Right hand rotation only.



NOTE

- Refer to "RIGGING GUIDE" to catch up detailed information and find your optimum propeller.
- Please note that best propeller is vary among the model of outboard motor, boat, rigging, water condition and usage.
- Depending on the model, a specific propeller pitch may not be available.

Standard series 〈4-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F2.5B	BS	AL	W	7 1/4	5	6L5-45949-00
	BS	AL	W	7 1/4	5 1/2	6L5-45952-00
	BS	AL	W	7 1/4	6	6L5-45943-00
	BS	AL	W	7 1/4	7 1/4	6L5-45945-00
	BS	AL	W	7 1/4	8 1/4	6L5-45947-00
F4B	BA	AL	W	7 1/2	7	6E0-45943-01
F5A	BA	AL	W	7 1/2	8	6E0-45941-01
F6C	BA	AL	W	7 1/2	9	6E0-45954-00
F8F	N	AL	W	8 1/2	6 1/2	6G1-45947-00
F9.9J	N	AL	W	8 1/2	7 1/2	6G1-45943-00
	N	AL	W	8 1/2	8	6G1-45952-00
	N	AL	W	8 1/2	8 1/2	6G1-45941-00
	N	AL	W	8 1/2	9 1/4	6G1-45954-00
F9.9H	J	AL	W	9 1/2	6 1/2	683-45949-00
F15C	J	AL	W	9 1/4	9 3/4	683-45952-00
	J	AL	W	9 1/4	10 1/2	683-45943-00
	J	AL	W	9 1/4	12	683-45941-00
F9.9H	J	AL	W	9 1/4	8	63V-45947-00
F15C						
F9.9H	J1	AL	W	9 1/4	9	63V-45945-10
F15C	J1	AL	W	9 1/4	10	63V-45952-10
F20B	J1	AL	W	9 1/4	11	63V-45943-10
F20C	J1	AL	W	9 1/4	12	63V-45941-10
F20G	F	AL	W	9 7/8	8	664-45943-01
F25D	F	AL	W	9 7/8	9	664-45941-01
F25G	F	AL	W	9 7/8	10	62C-45941-00
	F	AL	W	9 7/8	10 1/2	664-45945-00
	F	AL	W	9 7/8	11 1/4	664-45947-01
	F	AL	W	9 7/8	12	664-45954-01
	F	AL	W	9 7/8	13	664-45949-02
	F	AL	W	9 7/8	14	664-45952-00

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F30B	G	AL	W	12 1/4	8	63D-45941-00
F40F	G	AL	W	12 1/4	9	663-45956-01
F50D	G	AL	W	11 3/4	10	663-45954-01
F40H	G	AL	W	10 5/8	12	6H5-45952-00
F40J	G	AL	W	11 3/8	12	663-45952-02
F50H	G	AL	W	10 3/8	13	6H5-45945-00
	G	AL	W	10 1/4	14	6H5-45958-00
	G	AL	W	11 1/4	14	663-45958-01
	G	AL	W	10	15	6H5-45943-00
	G	AL	W	10 3/4	16	663-45949-01
	G	AL	W	10 3/4	17	663-45941-01
F30B	G	AL	W	11 5/8	11	69W-45947-00
F40F	G	AL	W	11 3/8	12	69W-45952-00
F50D	G	AL	W	11 1/8	13	69W-45945-00
F40H	G	AL	W	11 1/4	14	69W-45958-00
F40J	G	AL	W	11	15	69W-45943-00
F50H						
F60F						
F30B	G	SS	B	12	11	663-45972-60
F40F	G	SS	B	11 3/4	12	663-45970-60
F50D	G	SS	B	11 1/2	13	663-45974-60
F40H	G	SS	B	10 1/4	14	663-45930-00
F40J	G	SS	B	11 1/4	14	697-45970-00
F50H	G	SS	B	10 1/4	15	663-45976-00
F60F	G	SS	B	10 1/4	16	663-45978-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Standard series 〈4-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	14	11	6E5-45954-00
FT50J	K	AL	W	13 5/8	13	6E5-45949-00
FT60G	K	AL	W	13 5/8	14	6E5-45958-00
F70A	K	AL	W	13 1/2	15	6E5-45947-00
F75D	K	AL	W	13 1/4	17	6E5-45945-01
F75F	K	AL	W	13	19	6E5-45941-00
F80D	K	AL	W	12 5/8	21	6E5-45943-00
F90C	K	AL	W	13	23	6E5-45952-00
F90D	K	AL	W	13	25	6E5-45956-00
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FT50C	K	SS	B	13 1/2	14	688-45932-60
FT50J	K	SS	B	13 1/2	16	688-45978-60
FT60G	K2	SS	B	13	17	688-45930-02
F70A	K	SS	B	13	19	688-45970-03
F75D	K	SS	B	13	21	688-45972-02
F75F	K	SS	B	13	23	688-45974-02
F80D	K	SS	B	13	25	688-45976-01
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FL115B	KL	SS	B	13	17	6L6-45930-01
	KL	SS	B	13	19	6L6-45970-00
	KL	SS	B	13	21	6L6-45972-00

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	AL	B	15 1/4	15	6G5-45941-00
F150F	M	AL	B	14 5/8	16	6G5-45952-00
F150G	M	AL	B	14 1/2	17	6G5-45947-01
F150C	M	AL	B	14	19	6G5-45945-01
F175A	M	AL	B	13 3/4	21	6G5-45943-01
F175C	M	AL	B	13 1/2	23	6G5-45949-00
F200B						
F200C						
F200F						
F200G						
FL150D	ML	AL	B	14 1/2	17	6K1-45947-00
FL150F	ML	AL	B	14	19	6K1-45945-00
FL150G						
FL175C						
FL200B						
FL200C						
FL200F						
FL200G						
F150D	M	SS	B	15 3/4	13	6G5-45932-00
F150F	M	SS	B	15 1/4	15	6G5-45970-02
F200B						
F200C						
F225B						
F150D	M2	SS	B	13 3/4	17	6G5-45978-03
F150F	M2	SS	B	13 3/4	19	6G5-45974-03
F150G	M	SS	B	13 3/4	21	6G5-45972-02
F150C	M	SS	B	13 3/8	23	6G5-45976-01
F175A	M	SS	B	13 3/8	25	6G5-45930-00
F175C						
F200B						
F200C						
F200F						
F200G						
F225B						

F150C: X transom only

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Standard series ⟨4-stroke models⟩
Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL150D	ML	SS	B	15 1/4	15	6K1-45970-01
FL150F						
FL200B						
FL200C						
FL225B						
FL150D	ML1	SS	B	13 3/4	17	6K1-45978-02
FL150F	ML1	SS	B	13 3/4	19	6K1-45974-02
FL150G	ML	SS	B	13 3/4	21	6K1-45972-01
FL175C	ML	SS	B	13 3/8	23	6K1-45976-00
FL200B						
FL200C						
FL200F						
FL200G						
FL225B						
F200B	T	SS	B	15	17	61A-45978-00
F200C	T	SS	B	14 1/2	19	61A-45974-00
F225B	T	SS	B	14 1/2	21	61A-45972-00
F250H						
FL200B	TL	SS	B	15	17	61B-45978-00
FL200C	TL	SS	B	14 1/2	19	61B-45974-00
FL225B	TL	SS	B	14 1/2	21	61B-45972-00
FL250H						

Standard series ⟨4-stroke models⟩
Dualthrust propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F8F	N	AL	W	9	5	6G1-W4592-00
F9.9J	N	AL	W	9	7	6G1-W4591-01
FT8G	R	AL	W	11 3/4	5 3/4	69G-45941-00
FT9.9L	R	AL	W	11 3/4	7	69G-45943-00
	R	AL	W	11 3/4	9 1/4	6G8-45947-00
	R	PL	Gray	11 3/4	12 1/4	6G8-45945-00
	R	PL	Gray	11 3/4	11	6G8-45941-00
	R	PL	Gray	11 3/4	9 1/4	6G8-45943-00
F9.9H	J	AL	W	9 3/4	6 1/2	683-W4592-02
F15C	J	AL	W	9 3/4	8	683-W4591-02
F20G	F	AL	W	10 5/8	6 1/4	6FM-45941-00
F25D	F	AL	W	10 5/8	8 1/4	6J8-W4591-00
F25G						
FT25F	G	AL	W	12 1/4	9	68U-45941-00
FT50C	K	AL	W	14	11	68S-45941-00
FT50J						
FT60G						
F70A						

Standard series ⟨4-stroke models⟩
Weedless propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F4B	BA	AL	W	7 1/4	6 1/2	6E0-45949-00
F5A	BA	AL	W	7 1/4	8 1/4	6E0-45952-00
F6C						
F20G	F	SS	B	9 1/8	12	664-45972-00
F25D	F	SS	B	9 1/8	13	664-45970-00
F25G						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

TALON series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	13 1/2	9	6EK-45941-00
FT50J	K	AL	W	13 1/2	10 1/2	6EK-45943-00
FT60G	K	AL	W	13 1/2	12	6EK-45945-00
F70A	K	AL	W	13 1/2	14	6EK-45947-00
F75D	K	AL	W	13 1/2	16	6EK-45949-00
F75F						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FT50C	K	SS	P	13 1/8	14	6N7-45970-00
FT50J	K	SS	P	13 1/8	16	6N7-45972-00
FT60G	K	SS	P	13 1/8	18	6N7-45974-00
F70A	K	SS	P	13 1/8	19	6N7-45976-00
F75D	K	SS	P	13 1/8	20	6N7-45978-00
F75F	K	SS	P	13 1/8	22	6N7-45930-00
F80D	K	SS	P	13 1/8	24	6N7-45932-00
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						
FL115B	KL	SS	P	13 1/8	14	6N4-45970-00
	KL	SS	P	13 1/8	16	6N4-45972-00
	KL	SS	P	13 1/8	18	6N4-45974-00
	KL	SS	P	13 1/8	20	6N4-45978-00

TALON SS4 series 〈4-stroke models〉

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F40G	K	SS	P	13 1/4	14	6N6-45B70-00
FT50C	K	SS	P	13 1/4	16	6N6-45B72-00
FT50J	K	SS	P	13 1/4	18	6N6-45B74-00
FT60G						
F70A						
F75D						
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F75D	K	SS	P	13 1/4	20	6N6-45B76-00
F75F	K	SS	P	13 1/4	22	6N6-45B78-00
F80C	K	SS	P	13 1/4	23	6N6-45B80-00
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

TALON PONTOON series 〈4-stroke models〉

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	SS	P	14	9	6H1-45970-00
FT50J	K	SS	P	14	10	6H1-45972-00
FT60G	K	SS	P	14	11	6H1-45974-00
F70A	K	SS	P	14	12	6H1-45976-00
F75D	K	SS	P	14	13	6H1-45978-00
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						

TALON GP series 〈4-stroke models〉

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FT50C	K	AL	W	13 5/8	14	6FP-45941-00
FT50J	K	AL	W	13 1/2	15	6FP-45943-00
FT60G	K	AL	W	13 1/4	16	6FP-45945-00
F70A	K	AL	W	13 1/8	17	6FP-45947-00
F75D	K	AL	W	13	18	6FP-45949-00
F75F						
F80C						
F80D						
F90C						
F90D						
F100B						
F100F						
F100G						
F115B						
F115C						
F130A						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

RELIANCE series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	SS	P	14 1/2	13	68F-45932-20
F150F	M	SS	P	14 1/2	14	68F-45930-20
F150C	M	SS	P	14 1/2	15	68F-45970-20
F150G	M	SS	P	14 1/4	17	68F-45972-20
F175A	M	SS	P	14 1/4	18	68F-45978-20
F175C	M	SS	P	13 3/4	19	68F-45974-20
F200B	M	SS	P	13 3/4	21	68F-45976-20
F200C						
F200F						
F200G						
F225B						
F225H						
F250H						
F250J						
F225F						
F250D						
F250L						
F300B						
F300C						

F150C: X transom only

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL150D	ML	SS	P	14 1/2	14	68G-45930-20
FL150F	ML	SS	P	14 1/2	15	68G-45970-20
FL150G	ML	SS	P	14 1/4	17	68G-45972-20
FL175C	ML	SS	P	14 1/4	18	68G-45978-20
FL200B	ML	SS	P	13 3/4	19	68G-45974-20
FL200C	ML	SS	P	13 3/4	21	68G-45976-20
FL200F						
FL200G						
FL225B						
FL225H						
FL250H						
FL225F						
FL250D						
FL250L						
FL300B						
FL300C						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

SALTWATER series 〈4-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	M	SS	P	15 1/4	15	6R4-45976-A0
F150F	M	SS	P	15 1/4	17	6R4-45978-A0
F200B	M	SS	P	15 1/4	19	6R4-45970-A1
F200C	M	SS	P	14 7/8	21	6R4-45972-A0
F225B	M	SS	P	14 1/2	23	6R4-45974-A0
F250H						
FL150D	ML	SS	P	15 1/4	15	6R1-45976-A0
FL150F	ML	SS	P	15 1/4	17	6R1-45978-A0
FL200B	ML	SS	P	15 1/4	19	6R1-45970-A1
FL200C	ML	SS	P	14 7/8	21	6R1-45972-A0
FL225B	ML	SS	P	14 1/2	23	6R1-45974-A0
FL250H						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Performance 3 SDS series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150G	M	SS	P	14 1/4	14	60H-45970-00
F150D	M	SS	P	14 1/4	16	60H-45972-00
F150F	M	SS	P	14 1/4	18	60H-45974-00
F150C	M	SS	P	14 1/4	20	60H-45976-00
F175A	M	SS	P	14 1/4	22	60H-45978-00
F175C						
F200B						
F200C						
F200F						
F200G						
F225B						
F225F						
F250D						
F225H						
F250J						
F250H						
F250L						
F300B						
F300C						
FL150D	ML	SS	P	14 1/4	14	60J-45970-00
FL150F	ML	SS	P	14 1/4	16	60J-45972-00
FL150G	ML	SS	P	14 1/4	18	60J-45974-00
FL175C	ML	SS	P	14 1/4	20	60J-45976-00
FL200B	ML	SS	P	14 1/4	22	60J-45978-00
FL200C						
FL200F						
FL200G						
FL225B						
FL225F						
FL250D						
FL225H						
FL250H						
FL250L						
FL300B						
FL300C						

SALTWATER Ⅱ series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F200B	T	SS	P	15 3/4	13	6CE-45930-20
F200C	T	SS	P	15 3/4	15	6CE-45976-20
F225B						
F250H						
F225F						
F225H						
F250D						
F250L						
F300B						
F300C						
F150D	T	SS	P	15 1/2	16	6CE-45938-20
F150F	T	SS	P	15 1/2	17	6CE-45978-20
F150G	T	SS	P	15 1/4	18	6CE-45934-20
F150C	T	SS	P	15 1/4	19	6CE-45970-20
F175A	T	SS	P	15	20	6CE-45932-20
F175C	T	SS	P	15	21	6CE-45972-20
F200B	T	SS	P	14 3/4	22	6CE-45936-20
F200C	T	SS	P	14 3/4	23	6CE-45974-20
F200F						
F200G						
F225B						
F250H						
F225F						
F225H						
F250D						
F250L						
F300B						
F300C						

F150C: X transom only

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
FL200B	TL	SS	P	15 3/4	13	6CF-45930-20
FL200C	TL	SS	P	15 3/4	15	6CF-45976-20
FL225B						
FL250H						
FL225F						
FL225H						
FL250D						
FL250L						
FL300B						
FL300C						
FL150D	TL	SS	P	15 1/2	17	6CF-45978-20
FL150F	TL	SS	P	15 1/4	18	6CF-45934-20
FL150G	TL	SS	P	15 1/4	19	6CF-45970-20
FL175C	TL	SS	P	15	20	6CF-45932-20
FL200B	TL	SS	P	15	21	6CF-45972-20
FL200C	TL	SS	P	14 3/4	22	6CF-45936-20
FL200F	TL	SS	P	14 3/4	23	6CF-45974-20
FL200G						
FL225B						
FL250H						
FL225F						
FL225H						
FL250D						
FL250L						
FL300B						
FL300C						

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

SALTWATER HS4 series 〈4-stroke models〉

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150D	T	SS	P	15	21	6CE-45B70-20
F150F	T	SS	P	15	22	6CE-45B72-20
F150G	T	SS	P	15	23	6CE-45B74-20
F150C						
F175A						
F175C						
F200B						
F200C						
F200F						
F200G						
F225B						
F250H						
F225F						
F225H						
F250D						
F250L						
F300B						
F300C						
FL150D	TL	SS	P	15	21	6CF-45B70-20
FL150F	TL	SS	P	15	22	6CF-45B72-20
FL150G	TL	SS	P	15	23	6CF-45B74-20
FL175C						
FL200B						
FL200C						
FL200F						
FL200G						
FL225B						
FL250H						
FL225F						
FL225H						
FL250D						
FL250L						
FL300B						
FL300C						

F150C: X transom only

SALTWATER XL series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F300D	X	SS	P	16 1/4	13	6AW-45930-20
	X	SS	P	16 1/4	15	6AW-45970-20
	X	SS	P	16 1/4	17	6AW-45972-20
	X	SS	P	15 1/2	19	6AW-45974-20
	X	SS	P	15 1/4	21	6AW-45976-20
	X	SS	P	15 1/4	23	6AW-45978-20
FL300D	XL	SS	P	16 1/4	13	6AX-45930-20
	XL	SS	P	16 1/4	15	6AX-45970-20
	XL	SS	P	16 1/4	17	6AX-45972-20
	XL	SS	P	15 1/2	19	6AX-45974-20
	XL	SS	P	15 1/4	21	6AX-45976-20
	XL	SS	P	15 1/4	23	6AX-45978-20

SALTWATER XL4 series 〈4-stroke models〉

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F300D	X	SS	P	16 1/8	15	6AW-45B70-20
	X	SS	P	16 1/8	17	6AW-45B72-20
	X	SS	P	15 3/8	22	6AW-45B76-20
	X	SS	P	15 3/8	24	6AW-45B74-20
FL300D	XL	SS	P	16 1/8	15	6AX-45B70-20
	XL	SS	P	16 1/8	17	6AX-45B72-20
	XL	SS	P	15 3/8	22	6AX-45B76-20
	XL	SS	P	15 3/8	24	6AX-45B74-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

XTO OS Series 〈4-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F375A	Y	SS	P	17 1/ 8	15	6GR-45970-10
F425A	Y	SS	P	16 7/ 8	16	6GR-45D70-10
	Y	SS	P	16 7/ 8	17	6GR-45972-10
	Y	SS	P	16 5/ 8	18	6GR-45938-10
	Y	SS	P	16 5/ 8	19	6GR-45974-10
	Y	SS	P	16 3/ 8	20	6GR-45936-10
	Y	SS	P	16 3/ 8	21	6GR-45976-10
	Y	SS	P	16 1/ 8	22	6GR-45934-10
	Y	SS	P	16 1/ 8	23	6GR-45978-10
	Y	SS	P	16	24	6GR-45932-10
	Y	SS	P	16	25	6GR-45930-10
	Y	SS	P	16	26	6GR-45D72-10
FL375A	YL	SS	P	17 1/ 8	15	6GS-45970-10
FL425A	YL	SS	P	16 7/ 8	16	6GS-45D70-10
	YL	SS	P	16 7/ 8	17	6GS-45972-10
	YL	SS	P	16 5/ 8	18	6GS-45938-10
	YL	SS	P	16 5/ 8	19	6GS-45974-10
	YL	SS	P	16 3/ 8	20	6GS-45936-10
	YL	SS	P	16 3/ 8	21	6GS-45976-10
	YL	SS	P	16 1/ 8	22	6GS-45934-10
	YL	SS	P	16 1/ 8	23	6GS-45978-10
	YL	SS	P	16	24	6GS-45932-10
	YL	SS	P	16	25	6GS-45930-10
	YL	SS	P	16	26	6GS-45D72-10

V MAX series 〈4-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150C	T2	SS	P	15 1/8	22	6CB-45932-11
F175B	T2	SS	P	15 1/8	23	6CB-45974-11
F200D	T2	SS	P	15 1/8	24	6CB-45930-11
F225D	T2	SS	P	15 1/8	25	6CB-45972-11
F250C	T2	SS	P	15 1/8	26	6CB-45978-11
	T2	SS	P	15 1/8	27	6CB-45970-11

F150C: L transom only

Pro series 〈4-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
F150C	M1	SS	P	14 1/2	21	66K-45976-B0
F175B	M2	SS	P	14 1/2	23	66K-45974-B0
	M2	SS	P	14 1/2	25	66K-45972-B0
	M1	SS	P	14 1/2	27	66K-45970-B0

F150C: L transom only

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Standard series 〈2-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
2D	A	PL	W	7 1/4	4	6A1-45943-00
	A	AL	W	7 1/4	4 1/2	646-45944-01
	A	AL	W	7 1/4	5	6F8-45942-01
	A	AL	W	7 1/4	5 1/2	646-45942-01
3B	BS	AL	W	7 1/4	5	6L5-45949-00
	BS	AL	W	7 1/4	5 1/2	6L5-45952-00
	BS	AL	W	7 1/4	6	6L5-45943-00
	BS	AL	W	7 1/4	7 1/4	6L5-45945-00
	BS	AL	W	7 1/4	8 1/4	6L5-45947-00
4C 4D	BA	AL	W	7 1/2	7	6E0-45943-01
	BA	AL	W	7 1/2	8	6E0-45941-01
	BA	AL	W	7 1/2	9	6E0-45945-00
E8D EK8D	C	AL	W	7 1/4	5	655-45949-00
	C	AL	W	9	5 3/4	655-45947-01
	C	AL	W	9	6 1/2	655-45945-00
	C	AL	W	9	7	647-45943-00
	C	AL	W	9	7 1/2	655-45943-00
	C	AL	W	9	9	647-45947-00
	C	AL	W	9 1/4	9 1/4	647-45941-00
9.9F 9.9G 15F E9.9D E15D EK9.9D EK9.9J EK15D EK15P	J	AL	W	9 1/2	6 1/2	683-45949-00
	J	AL	W	9 1/4	9 3/4	683-45952-00
	J	AL	W	9 1/4	10 1/2	683-45943-00
	J	AL	W	9 1/4	12	683-45941-00

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
9.9F 9.9G 15F E9.9D E15D EK9.9D EK9.9J EK15D EK15P	J	AL	W	9 1/4	8	63V-45947-00
9.9F 9.9G 15F E9.9D E15D EK9.9D EK9.9J EK15D EK15P	J1	AL	W	9 1/4	9	63V-45945-10
	J1	AL	W	9 1/4	10	63V-45952-10
	J1	AL	W	9 1/4	11	63V-45943-10
	J1	AL	W	9 1/4	12	63V-45941-10
25B 25X 30H E25B E30H EK25B EK25C	F	AL	W	9 7/8	8	664-45943-01
	F	AL	W	9 7/8	9	664-45941-01
	F	AL	W	9 7/8	10	62C-45941-00
	F	AL	W	9 7/8	10 1/2	664-45945-00
	F	AL	W	9 7/8	11 1/4	664-45947-01
	F	AL	W	9 7/8	12	664-45954-01
	F	AL	W	9 7/8	14	664-45952-00
40V 40X 50H E40J E40X EK40J	G	AL	W	12 1/4	8	63D-45941-00
	G	AL	W	12 1/4	9	663-45956-01
	G	AL	W	11 3/4	10	663-45954-01
	G	AL	W	11 3/8	12	663-45952-02
	G	AL	W	10 5/8	12	6H5-45952-00
	G	AL	W	10 3/8	13	6H5-45945-00
	G	AL	W	10 1/4	14	6H5-45958-00
	G	AL	W	11 1/4	14	663-45958-01
	G	AL	W	10	15	6H5-45943-00
	G	AL	W	10 3/4	16	663-45949-01
	G	AL	W	10 3/4	17	663-45941-01

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Standard series 〈2-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
40V	G	AL	W	11 5/8	11	69W-45947-00
40X	G	AL	W	11 3/8	12	69W-45952-00
50H	G	AL	W	11 1/8	13	69W-45945-00
E40J	G	AL	W	11 1/4	14	69W-45958-00
E40X	G	AL	W	11	15	69W-45943-00
EK40J						
40V	G	SS	B	12	11	663-45972-60
40X	G	SS	B	11 3/4	12	663-45970-60
50H	G	SS	B	11 1/2	13	663-45974-60
E40J	G	SS	B	10 1/4	14	663-45930-00
E40X	G	SS	B	11 1/4	14	697-45970-00
EK40J	G	SS	B	10 1/4	15	663-45976-00
	G	SS	B	10 1/4	16	663-45978-00
E40G	H	AL	W	11 3/4	7 1/2	676-45956-61
EK40G	H	AL	W	11 3/4	8 3/4	676-45947-62
	H	AL	W	11 3/4	10	676-45945-62
	H	AL	W	11 1/2	11	676-45941-62
	H	AL	W	11 1/2	12	676-45943-62
	H	AL	W	11 1/2	13	676-45952-62
E55D	K	AL	W	14	11	6E5-45954-00
60F	K	AL	W	13 5/8	13	6E5-45949-00
70B	K	AL	W	13 5/8	14	6E5-45958-00
85A	K	AL	W	13 1/2	15	6E5-45947-00
E60H	K	AL	W	13 1/4	17	6E5-45945-01
E75B	K	AL	W	13	19	6E5-45941-00
	K	AL	W	12 5/8	21	6E5-45943-00
	K	AL	W	13	23	6E5-45952-00
	K	AL	W	13	25	6E5-45956-00
E55D	K	SS	B	13 1/2	14	688-45932-60
60F	K	SS	B	13 1/2	16	688-45978-60
70B	K2	SS	B	13	17	688-45930-02
85A	K	SS	B	13	19	688-45970-03
E60H	K	SS	B	13	21	688-45972-02
E75B	K	SS	B	13	23	688-45974-02
	K	SS	B	13	25	688-45976-01

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A	M	AL	B	15 1/4	15	6G5-45941-00
200A	M	AL	B	14 5/8	16	6G5-45952-00
	M	AL	B	14 1/2	17	6G5-45947-01
	M	AL	B	14	19	6G5-45945-01
	M	AL	B	13 3/4	21	6G5-45943-01
	M	AL	B	13 1/2	23	6G5-45949-00
L150A	ML	AL	B	14 1/2	17	6K1-45947-00
L200A	ML	AL	B	14	19	6K1-45945-00
150A	M	SS	B	15 3/4	13	6G5-45932-00
200A	M	SS	B	15 1/4	15	6G5-45970-02
	M2	SS	B	13 3/4	17	6G5-45978-03
	M2	SS	B	13 3/4	19	6G5-45974-03
	M	SS	B	13 3/4	21	6G5-45972-02
	M	SS	B	13 3/8	23	6G5-45976-01
	M	SS	B	13 3/8	25	6G5-45930-00
L150A	ML	SS	B	15 1/4	15	6K1-45970-01
L200A	ML1	SS	B	13 3/4	17	6K1-45978-02
	ML1	SS	B	13 3/4	19	6K1-45974-02
	ML	SS	B	13 3/4	21	6K1-45972-01
	ML	SS	B	13 3/8	23	6K1-45976-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

Standard series 〈2-stroke models〉
Dual thrust propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
9.9F	J	AL	W	9 3/4	6 1/2	683-W4592-02
9.9G	J	AL	W	9 3/4	8	683-W4591-02
15F						
E9.9D						
E15D						
EK9.9D						
EK9.9J						
EK15D						
EK15P						

Standard series 〈2-stroke models〉
Weedless propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
4C	BA	AL	W	7 1/4	6 1/2	6E0-45949-00
4D	BA	AL	W	7 1/4	8 1/4	6E0-45952-00
25B	F	SS	B	9 1/8	12	664-45972-00
25X	F	SS	B	9 1/8	13	664-45970-00
30H						
E25B						
E30H						
EK25B						
EK25C						

TALON series 〈2-stroke models〉
SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	AL	W	13 1/2	9	6EK-45941-00
60F	K	AL	W	13 1/2	10 1/2	6EK-45943-00
70B	K	AL	W	13 1/2	12	6EK-45945-00
85A	K	AL	W	13 1/2	14	6EK-45947-00
E60H	K	AL	W	13 1/2	16	6EK-45949-00
E75B						

TALON SS series 〈2-stroke models〉
SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	SS	P	13 1/8	14	6N7-45970-00
60F	K	SS	P	13 1/8	16	6N7-45972-00
70B	K	SS	P	13 1/8	18	6N7-45974-00
85A	K	SS	P	13 1/8	19	6N7-45976-00
E60H	K	SS	P	13 1/8	20	6N7-45978-00
E75B	K	SS	P	13 1/8	22	6N7-45930-00
	K	SS	P	13 1/8	24	6N7-45932-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

TALON SS4 series 〈2-stroke models〉

SDS propeller 4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
60F	K	SS	P	13 1/4	14	6N6-45B70-00
E60H	K	SS	P	13 1/4	16	6N6-45B72-00
E60J	K	SS	P	13 1/4	18	6N6-45B74-00
E65A						
70B						
75A						
E75B						
85A						
115B						
115C						
115B	K	SS	P	13 1/4	20	6N6-45B76-00
115C	K	SS	P	13 1/4	22	6N6-45B78-00
	K	SS	P	13 1/4	23	6N6-45B80-00

TALON PONTOON series 〈2-stroke models〉

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	SS	P	14	9	6H1-45970-00
60F	K	SS	P	14	10	6H1-45972-00
E60H	K	SS	P	14	11	6H1-45974-00
E60J	K	SS	P	14	12	6H1-45976-00
E65A	K	SS	P	14	13	6H1-45978-00
70B						
75A						
E75B						
85A						
115B						
115C						

TALON GP series 〈2-stroke models〉

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
E55D	K	AL	W	13 5/8	14	6FP-45941-00
60F	K	AL	W	13 1/2	15	6FP-45943-00
E60H	K	AL	W	13 1/4	16	6FP-45945-00
E60J	K	AL	W	13 1/8	17	6FP-45947-00
E65A	K	AL	W	13	18	6FP-45949-00
70B						
75A						
E75B						
E60J						
85A						
115B						
115C						

Performance 3 SDS series 〈2-stroke models〉

SDS propeller 3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A	M	SS	P	14 1/4	14	60H-45970-00
200A	M	SS	P	14 1/4	16	60H-45972-00
	M	SS	P	14 1/4	18	60H-45974-00
	M	SS	P	14 1/4	20	60H-45976-00
	M	SS	P	14 1/4	22	60H-45978-00
L150A	ML	SS	P	14 1/4	14	60J-45970-00
L200A	ML	SS	P	14 1/4	16	60J-45972-00
	ML	SS	P	14 1/4	18	60J-45974-00
	ML	SS	P	14 1/4	20	60J-45976-00
	ML	SS	P	14 1/4	22	60J-45978-00

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

RELIANCE series 〈2-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	SS	P	14 1/2	13	68F-45932-20
	M	SS	P	14 1/2	14	68F-45930-20
	M	SS	P	14 1/2	15	68F-45970-20
	M	SS	P	14 1/4	17	68F-45972-20
	M	SS	P	14 1/4	18	68F-45978-20
	M	SS	P	13 3/4	19	68F-45974-20
	M	SS	P	13 3/4	21	68F-45976-20
L150A L200A	ML	SS	P	14 1/2	14	68G-45930-20
	ML	SS	P	14 1/2	15	68G-45970-20
	ML	SS	P	14 1/4	17	68G-45972-20
	ML	SS	P	14 1/4	18	68G-45978-20
	ML	SS	P	13 3/4	19	68G-45974-20
	ML	SS	P	13 3/4	21	68G-45976-20

SALTWATER series 〈2-stroke models〉

Regular propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	M	SS	P	15 1/4	15	6R4-45976-A0
	M	SS	P	15 1/4	17	6R4-45978-A0
	M	SS	P	15 1/4	19	6R4-45970-A1
	M	SS	P	14 7/8	21	6R4-45972-A0
	M	SS	P	14 1/2	23	6R4-45974-A0
L150A L200A	ML	SS	P	15 1/4	15	6R1-45976-A0
	ML	SS	P	15 1/4	17	6R1-45978-A0
	ML	SS	P	15 1/4	19	6R1-45970-A1
	ML	SS	P	14 7/8	21	6R1-45972-A0
	ML	SS	P	14 1/2	23	6R1-45974-A0

SALTWATER Ⅱ series 〈2-stroke models〉

SDS propeller

3 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	T	SS	P	15 1/2	16	6CE-45938-20
	T	SS	P	15 1/2	17	6CE-45978-20
	T	SS	P	15 1/4	18	6CE-45934-20
	T	SS	P	15 1/4	19	6CE-45970-20
	T	SS	P	15	20	6CE-45932-20
	T	SS	P	15	21	6CE-45972-20
	T	SS	P	14 3/4	22	6CE-45936-20
	T	SS	P	14 3/4	23	6CE-45974-20
L150A L200A	TL	SS	P	15 1/2	17	6CF-45978-20
	TL	SS	P	15 1/4	18	6CF-45934-20
	TL	SS	P	15 1/4	19	6CF-45970-20
	TL	SS	P	15	20	6CF-45932-20
	TL	SS	P	15	21	6CF-45972-20
	TL	SS	P	14 3/4	22	6CF-45936-20
	TL	SS	P	14 3/4	23	6CF-45974-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

SALTWATER HS4 series 〈2-stroke models〉

SDS propeller

4 blades

Model	Mark	Material	Finishing	Dia.	Pitch	Part number
150A 200A	T	SS	P	15	21	6CE-45B70-20
	T	SS	P	15	22	6CE-45B72-20
	T	SS	P	15	23	6CE-45B74-20
L150A L200A	TL	SS	P	15	21	6CF-45B70-20
	TL	SS	P	15	22	6CF-45B72-20
	TL	SS	P	15	23	6CF-45B74-20

Material: AL [Aluminum], SS [Stainless Steel], PL [Plastic]
Finishing: W [White painted], B [Black painted], P [Polished]
SDS: Shift Dampener System

NOTES

GENUINE OIL YAMALUBE for Outboards

YAMALUBE®

● 4-stroke application



Background: Outboards have to operate under seawater spray, and therefore marine oil required stable lubricating and rust prohibitive efficiency have to be maintained under sea spray contamination.
Advantage: YAMALUBE has been strengthen lubricating and rust/corrosion prohibitive efficiency under sea condition.
Naming: YAMALUBE 4, YAMALUBE 4M

● 2-stroke application



Background: Operating condition is greatly different from land vehicle and Heavy-duty oil for 2stroke water-cooled engine is required.
Advantage: YAMALUBE have been produced on specially turned formula for Yamaha outboards up to HPDI models.
Naming: YAMALUBE 2, YAMALUBE 2M

● Gear oil application



Background: Spiraled bevel gears have been operating under the water. Limited oil in the compact gear case without air breeze support all power transfer to the propeller. From such back ground, High class hypoid gear oil is requested.
Advantage: YAMALUBE will not produce jerry even seawater contaminated accidentally.
Heavy duty high quality oil in the convenient bottle.
Naming: YAMALUBE GEAR OIL
API classification: Hypoid gear oil GL5 or GL4

● Marine grease

Yamaha Grease A
Poly urea based multi purpose marine grease featuring with heavy duty and highly seawater resistance.
Yamaha Grease D
Specially designed for propeller shaft application to be protected the shaft / propeller from salt seizure.

● Water separators



Large capacity type



Regular type

- Separates over 99% of water, the main enemy of your outboard motor.
- Full plastic body ensures that the bowl will not become stuck due to electric corrosion or rust, making filter replacements easy.
- **Large capacity type for holding up to 215 cc of water.** Regular type has a capacity of 60 cc.
- **Highly visible float and see-through bowl allow you to check the water level with just a glance.**
- **Two large capacity types are available: a 10 µm filter type (4-stroke and 2-stroke HPDI/FI models) or a 25 µm filter type (2-stroke carburetor models).** Regular type is available only with a 10 µm filter.

Part numbers	Large capacity filter	Regular filter
Water separator assembly	90794-46905 (10 µm) 90794-46906 (25 µm)	90794-46909 (10 µm)
Replacement element (with an O-ring)	90794-46911 (10 µm) 90794-46912 (25 µm)	90794-46914 (10 µm)

Specifications	Large capacity filter	Regular filter
Applicable outboard motors	Up to 250 hp	70 hp or less
Fluid capacity	215 cc	60 cc
Maximum flow rate	200 L/H	100 L/H
Filter type	10 µm/25 µm	10 µm
Connecter	8 mm	7 mm
Size	H200×W125.5×D127	H169×W113×D62
Included	Connecter, IN & OUT Hose band×2	Connecter, IN & OUT

NOTES

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Product Information Guide
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