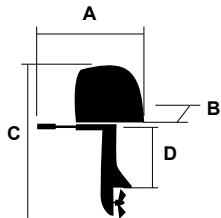


GAMA ALTA

EFI 90-100-115 HP



	115 HP Standar Rot.		115 HP Counter Rot.		100 HP Standar Rot.		100 HP Counter Rot.		90 HP Standar Rot.	
	F115FEL-T-EFI	F115FEX-T-EFI	FL115FEL-T-EFI	FL115FEX-T-EFI	F100FEL-T-EFI	F100FEX-T-EFI	FL100FEL-T-EFI	FL100FEX-T-EFI	F90FEL-T-EFI	F90FEX-T-EFI
A (mm)	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")	821 (32.3")
B (mm)	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")	518 (20.4")
C (mm)	1.675 (65.9")	1.800 (70.9")	1.675 (65.9")	1.800 (70.9")	1.675 (65.9")	1.800 (70.9")	1.675 (65.9")	1.800 (70.9")	1.675 (65.9")	1.800 (70.9")
D (mm)	508 (20")	635 (25")	508 (20")	635 (25")	508 (20")	635 (25")	508 (20")	635 (25")	508 (20")	635 (25")
	180 kg	185 kg	180 kg	185 kg	180 kg	185 kg	180 kg	185 kg	180 kg	185 kg
Full throttle operating range	5.300 – 6.300 rpm		5.300 – 6.300 rpm		5.300 – 6.300 rpm		5.300 – 6.300 rpm		5.300 – 6.300 rpm	
Maximum output	84.6 kW 115 Hp 5.800 rpm		84.6 kW 115 Hp 5.800 rpm		73.5 kW 100 Hp 5.800 rpm		73.5 kW 100 Hp 5.800 rpm		66.2 kW 90 Hp 5.800 rpm	
Idling speed (neutral)	700 - 800 rpm		700 - 800 rpm		700 - 800 rpm		700 - 800 rpm		700 - 800 rpm	
Engine type	4 STROKE DOHC (double overhead camshaft)		4 STROKE DOHC (double overhead camshaft)		4 STROKE DOHC (double overhead camshaft)		4 STROKE DOHC (double overhead camshaft)		4 STROKE DOHC (double overhead camshaft)	
Cylinders	L4 16 valves		L4 16 valves		L4 16 valves		L4 16 valves		L4 16 valves	
Displacement	1.832 cm ³		1.832 cm ³		1.832 cm ³		1.832 cm ³		1.832 cm ³	
Bore per stroke	81 mm x 88.9 mm (3.19" x 3.5")		81 mm x 88.9 mm (3.19" x 3.5")		81 mm x 88.9 mm (3.19" x 3.5")		81 mm x 88.9 mm (3.19" x 3.5")		81 mm x 88.9 mm (3.19" x 3.5")	
Ignition system	TCI		TCI		TCI		TCI		TCI	
Fuel delivery system	EFI		EFI		EFI		EFI		EFI	
Ignition timing	Micro computer		Micro computer		Micro computer		Micro computer		Micro computer	
Alternator	12V 35A		12V 35A		12V 35A		12V 35A		12V 35A	
Control system										
Starting system										
Gear positions	F - N - R		F - N - R		F - N - R		F - N - R		F - N - R	
Gear ratio	2.15 (28/13)		2.15 (28/13)		2.15 (28/13)		2.15 (28/13)		2.15 (28/13)	
Trim & tilt system										
Maximum fuel waste	38.9 L/h		38.9 L/h		34.9 L/h		34.9 L/h		34.9 L/h	
Engine oil capacity	3.2 L		3.2 L		3.2 L		3.2 L		3.2 L	
Gear oil capacity	760 cm ³		715 cm ³		760 cm ³		715 cm ³		760 cm ³	
Included STD Propeller	✓		✓		✓		✓		✓	



F115FEL-T-EFI

Standard rotation
 HP
 4 Strokes
 Electrical start
 Long Shaft
 508 mm / 20"
 Trim
 EFI

FL115FEX-T-EFI

Counter rotation
 HP
 4 Strokes
 Electrical start
 ExtraLong Shaft
 635 mm / 25"
 Trim
 EFI

UN. INCLUDED ACCESSORIES

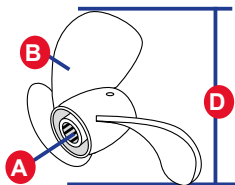
	UN.
Owner manual	1
Stoper, hang rope assy	1
Emergency handle-start rope	1
Screwdrive	1
Spark plug	4
Spark plug sleeve	1
Pin, cotter	1
Oil cleaner	1
Fuel line assy	1
Fuel tank assy	1
Control box assy	1
Control cable assy	2
Link rod, turning	1
Tachometer	1
Trim gauge	1



PROPELLERS



	D	B	P	R	AL	R INOX	L INOX
90 HP 100 HP 115 HP	14	3	11	R	SOL3411-140-11		
	13 ^{5/8}	3	13	R	SOL3411-138-13		
	13 ^{5/8}	4	13	R	SOL3413-133-13		
	13 ^{1/8}	3	13	L	SOL3412-138-13		
	13 ^{1/2}	3	15	R	SOL3411-135-15	SOL3431-135-15	
	13 ^{1/2}	4	15	R	SOL3413-130-15		
	13 ^{1/2}	3	15	L	SOL3412-135-15		
	13 ^{1/4}	3	17	R	SOL3411-133-17		
	13 ^{1/4}	4	17	R	SOL3513-128-17		
	13 ^{1/4}	3	17	L	SOL3412-133-17		
	13	3	17	R		SOL3431-133-17	SOL3432-133-17
	13	3	19	R	SOL3411-130-19	SOL3431-130-19	SOL3432-130-19
	13	4	19	R	SOL3413-125-19		
	12 ^{5/8}	3	21	R	SOL3411-130-21		
	12 ^{5/8}	4	21	R	SOL3413-125-21		
	12	3	21	R		SOL3431-130-21	



B	A	D	P	R
Blades	Tooth Spline	Diameter	Pitch	Rotation: L (left) R (Right)



OIL	REF
10W30 10W40 NMMA approved engine oil	REC10W30U3
	REC10W30U6
	REC10W40U3
	REC10W40U6
80W90 Synthetic marine transmission oil GL-5 approved	REC80W90U3
	REC80W90U6

