

GENERAL SPECIFICATIONS

Item	Unit	Model			
		F25MH	F25EH	F25ER	F25TR
DIMENSION					
Overall length	mm (in)	1,151 (45.3)		703 (27.7)	
Overall width	mm (in)	430 (16.9)		376 (14.8)	
Overall height (S)	mm (in)	1,148 (45.2)			—
	mm (in)	1,275 (50.2)			
Boat transom height (S)	mm (in)	381 (15.0)			—
	mm (in)	508 (20.0)			
WEIGHT					
(With aluminum propeller) (S)	kg (lb)	62.0 (137)	66.0 (146)	65.0 (143)	—
(L)	kg (lb)	64.0 (141)	68.0 (150)	67.0 (148)	71.0 (157)
PERFORMANCE					
Maximum output	kW (hp) @ 5,500 r/min	18.4 (25)			
Full throttle operating range	r/min	5,000 ~ 6,000			
Maximum fuel consumption	L (US gal, Imp gal)/h @ 6,000 r/min	9.2 (2.43, 2.02)			
POWER UNIT					
Type		4 stroke, OHC, in-line			
Number of cylinders		2			
Displacement	cm ³ (cu. in)	498 (30.4)			
Bore × stroke	mm (in)	65.0 × 75.0 (2.56 × 2.95)			
Compression ratio		9.87			
Compression pressure*	kPa (kg/cm ² , psi)	1,180 ~ 1,250 (12.0 ~ 12.7, 170 ~ 190)			
Number of carburetors		1			
Control system		Tiller handle		Remote control	
Starting system		Manual	Electric		
Ignition control system		Microcomputer (CDI)			
Lighting coil output	V-A	12-6 (option)	12-15		
Starting enrichment		Prime start			
Spark plug		DPR6EA-9			
Exhaust system		Propeller boss			
Lubrication system		Wet sump			
Ignition timing	Degree (BTDC)	8.5 ~ 30.0 ± 3.0	7.5 ~ 30.0 ± 3.0		

* Measuring conditions:

Ambient temperature 20 °C (68 °F), wide open throttle, plugs disconnected from all cylinders, engine speed 400 r/min or higher.

The figures are for reference only.



Item	Unit	Model			
		F25MH	F25EH	F25ER	F25TR
FUEL AND OIL					
Fuel type		Unleaded regular gasoline			
Fuel rating	PON ^(*1)	86			
	RON	91			
Engine oil		4-stroke motor oil			
Engine oil grade	API SAE	SE, SF, SG, SH, or SJ 10W-30 or 10W-40			
Engine oil quantity (with oil filter cartridge)	L (US qt, Imp qt)	1.9 (2.01, 1.67)			
(without oil filter cartridge)	L (US qt, Imp qt)	1.7 (1.80, 1.50)			
Gear oil		GEAR CASE LUBE			
Gear oil grade	SAE	90			
Gear oil quantity	cm ³ (US oz, Imp oz)	320 (10.8, 11.3)			
BRACKET					
Trim angle ^(*2)	Degree	8, 12, 16, 20, 24			-4 ~ 20
Tilt-up angle ^(*2)	Degree	64			61
Steering angle	Degree	45 + 45			
DRIVE UNIT					
Gear positions		F-N-R			
Gear ratio		2.08 (27/13)			
Gear type		Spiral bevel gear			
Propeller direction		Clockwise			
Propeller drive system		Spline			
ELECTRICAL					
Battery minimum capacity ^(*3)					
CCA/SAE	A	245			
MCA/ABYC	A	323			
RC/SAE	Minute	52			

(*1) PON: Pump Octane Number = (RON + Motor Octane Number)/2

RON: Research Octane Number

(*2) On 12° boat transom

(*3) CCA: Cold Cranking Ampere

MCA: Marine Cranking Ampere

ABYC: American Boat and Yacht Council

SAE: Society of Automotive Engineers

RC: Reserve Capacity



Item	Unit	Model
		T25TR
DIMENSION		
Overall length	mm (in)	713 (28.1)
Overall width	mm (in)	373 (14.7)
Overall height (L)	mm (in)	1,311 (51.6)
Boat transom height (L)	mm (in)	508 (20.0)
WEIGHT		
(With aluminum propeller) (L)	kg (lb)	87.0 (192)
PERFORMANCE		
Maximum output	kW (hp) @ 5,500 r/min	18.4 (25)
Full throttle operating range	r/min	5,000 - 6,000
Maximum fuel consumption	L (US gal, Imp gal)/hr @ 6,000 r/min	9.2 (2.43, 2.02)
POWER UNIT		
Type		4 stroke, OHC, in-line
Number of cylinders		2
Displacement	cm ³ (cu. in)	498 (30.4)
Bore × stroke	mm (in)	65.0 × 75.0 (2.56 × 2.95)
Compression ratio		9.87
Compression pressure*	kPa (kgf/cm ² , psi)	1,180 - 1,250 (12.0 - 12.7, 170 - 190)
Number of carburetors		1
Control system		Remote control
Starting system		Electric
Ignition control system		Microcomputer (CDI)
Lighting coil output	V-A	12-15
Starting enrichment		Prime start
Spark plug (NGK)		DPR6EA-9
Exhaust system		Propeller boss
Lubrication system		Wet sump
Ignition timing	Degree (BTDC)	7.5 - 30.0 ± 3.0

* Measuring conditions:

Ambient temperature 20 °C (68 °F), wide open throttle, plugs disconnected from all cylinders, engine speed 400 r/min or higher.

The figures are for reference only.



Item	Unit	Model
		T25TR
FUEL AND OIL		
Fuel type		Unleaded regular gasoline
Fuel rating	PON ^(*1)	86
	RON	91
Engine oil		4-stroke motor oil
Engine oil grade	API SAE	SE, SF, SG, SH, or SJ 10W-30 or 10W-40
Engine oil quantity		
(with oil filter cartridge)	L (US qt, Imp qt)	2.1 (2.22, 1.85)
(without oil filter cartridge)	L (US qt, Imp qt)	1.9 (2.01, 1.67)
Gear oil		GEAR CASE LUBE
Gear oil grade	SAE	90
Gear oil quantity	cm ³ (US oz, Imp oz)	430 (14.5, 15.1)
BRACKET		
Trim angle ^(*2)	Degree	-4 - 20
Tilt-up angle ^(*2)	Degree	62.3
Steering angle	Degree	40 + 40
DRIVE UNIT		
Gear shift positions		F-N-R
Gear ratio		2.42 (29/12)
Reduction gear type		Spiral bevel gear
Propeller direction (rear view)		Clockwise
Propeller drive system		Spline
Propeller mark		G
ELECTRICAL		
Battery minimum capacity ^(*3)		
CCA/SAE	A	245
MCA/ABYC	A	323
RC/SAE	Minute	52

(*1) PON: Pump Octane Number = (RON + Motor Octane Number)/2

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