



GENERAL SPECIFICATIONS

Item	Unit		Model									
			Worldwide		USA, CANADA							
			F20AMH	F20AEH	F20AE	F20AET	F25AMH	F25AEH	F25AEHT	F25AE	F25AET	
DIMENSION												
Overall length	mm (in)	1,151 (45.3)	1,102 (43.4)	703 (27.7)		1,151 (45.3)	1,102 (43.4)		703 (27.7)			
Overall width	mm (in)	430 (16.9)	429 (16.9)	376 (14.8)		430 (16.9)	429 (16.9)		376 (14.8)			
Overall height (S)	mm (in)	1,148 (45.2)		—		1,148 (45.2)		—		1,148 (45.2)	—	
(L)	mm (in)	1,275 (50.2)										
(X)	mm (in)	—				1,354 (53.3)		—				
WEIGHT (With aluminum propeller)												
(S)	kg (lb)	62 (136.7)	66 (145.5)	65 (143.3)	—		62 (136.7)	66 (145.5)	—		65 (143.3)	—
(L)	kg (lb)	64 (141.1)	68 (149.9)	67 (147.7)	71 (156.5)	64 (141.1)	68 (149.9)	72 (158.7)	67 (147.7)	71 (156.5)		
(X)	kg (lb)	—				66 (145.5)		—				
PERFORMANCE												
Maximum output (ISO)	kW (hp) @ 5,500 r/min	14.7 (20)				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		Remote		Tiller		Remote				
Starting system		Manual	Electric			Manual	Electric					
Ignition control system		Microcomputer										
Lighting coil output	V-A	12-6 (option)	12-15			12-6 (option)	12-15					
Starting enrichment		Primestart										
Spark plug		DPR6EA-9										
Exhaust system		Propeller hub										



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			—	—	—	—	F25MH	F25EH	F25TH	F25ER	F25TR
Lubrication system			Wet sump								
Ignition timing		Degree (BTDC)	10 ~ 30								
FUEL AND OIL											
Fuel type			Unleaded regular gasoline								
Fuel rating		PON*	86								
		RON*	91								
Engine oil			4-stroke engine oil								
Engine oil grade			SE, SF, SG, SH, 10W-30, 10W-40, 20W-40								
Total 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			Hypoid gear oil								
Gear oil grade		#	90								
Total quantity		cm ³ (US oz, Imp oz)	320 (10.8, 11.3)								
BRACKET											
Trim angle			8, 12, 16, 20, 24	-4 ~ 20	8, 12, 16, 20, 24	-4 ~ 20	8, 12, 16, 20, 24	-4 ~ 20	8, 12, 16, 20, 24	-4 ~ 20	
Tilt-up angle			64	65	64	65	64	65	64	65	
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 capacity		Ah (kC)	—	40 ~ 70 (144 ~ 252)	—	40 ~ 70 (144 ~ 252)					

* PON: (Pump Octane Number)
 RON: (Research Octane Number)