

**GENERAL SPECIFICATIONS**

Item	Unit		Model(s)					
			Worldwide	25JMH	25JMHO	25JEHO	25JEO	25JETO
			USA	25MH3	—	—	—	—
			CANADA	25MH3	—	25EH	—	25TR3
<b>DIMENSION</b>								
Overall length	mm (in)	993 (39.1)			662 (26.1)			
Overall width	mm (in)	360 (14.2)			307 (12.1)			
Overall height (S)	mm (in)	1,158 (45.6)			1,140 (44.9)	—		
(L)	mm (in)	1,279 (50.4)			1,261 (49.6)			
<b>WEIGHT</b>								
(with aluminum propeller)								
(S)	kg (lb)	59 (130)	60 (132)		—			
(L)	kg (lb)	61 (135)	62 (137)		66 (146)			
<b>PERFORMANCE</b>								
Maximum output (ISO)	kW (hp) @ r/min	18.4 (25) @ 5,000						
Full throttle operating range	r/min	4,500 ~ 5,500						
Maximum fuel consumption	L (US gal, Imp gal)/h @ 5,500 r/min	11.2 (3.0, 2.5)						
<b>POWER UNIT</b>								
Type		2 stroke						
Number of cylinders		3						
Displacement	cm <sup>3</sup> (cu. in)	496 (30.3)						
Bore × stroke	mm (in)	59.5 × 59.5 (2.34 × 2.34)						
Compression ratio		6.80						
Number of carburetors		3						
Intake system		Reed valve						
Scavenging system		Loop charge						
Control system		Tiller control		Remote control				
Starting system		Manual		Electric				
Ignition control system		CDI						
Lighting coil output	V - A	12 - 8 (option)		12 - 8				
Starting enrichment		Choke valve						
Spark plug		B7HS-10/BR7HS-10						
Exhaust system		Propeller hub						
Lubrication system		Premix	Oil injection					
Ignition timing	Degree	5 ATDC ~ 25 BTDC			TDC ~ 25 BTDC			

Item	Unit		Model(s)				
			25JMH	25JMHO	25JEHO	25JEO	25JETO
			25MH3	—	—	—	—
			25MH3	—	25EH	—	25TR3
<b>FUEL AND OIL</b>							
Fuel type			Unleaded regular gasoline				
Fuel rating	PON *		86				
	RON *		91				
Engine oil			2-stroke engine oil				
Engine oil grade			TC-W3				
Mixing ratio		100:1	—				
Gear oil			Hypoid gear oil				
Gear oil grade			SAE #90				
Total quantity	cm <sup>3</sup> (US oz, Imp oz)		200 (6.76, 7.04)				
<b>BRACKET</b>							
Trim angle	Degree		4, 8, 12, 16, 20			-4 ~ 20	
Tilt-up angle	Degree		70				
Steering angle	Degree		40 + 40				
<b>DRIVE UNIT</b>							
Gear positions			F-N-R				
Gear ratio			1.85 (24/13)				
Gear type			Spiral bevel gear				
Propeller direction			Clockwise				
Propeller drive system			Spline				
Propeller series mark			F				
<b>ELECTRICAL</b>							
Battery capacity	Ah (kC)		—			40	
Minimum cold crank performance	A		—			210	

\* PON: Pump Octane Number  
 RON: Research Octane Number



Item	<table border="1"> <tr><td>Worldwide</td></tr> <tr><td>USA</td></tr> <tr><td>CANADA</td></tr> </table>		Worldwide	USA	CANADA	Unit	Model(s)									
			Worldwide													
			USA													
			CANADA													
30DMH	30DMHO	30DWH	30DEHO	30DMO	30DE	30DEO	30DET	30DETO								
—	30MH	—	30EH	—	—	30ER	—	30TR								
—	30MH	—	30EH	—	—	30ER	—	30TR								
<b>DIMENSION</b>																
Overall length	mm (in)	993 (39.1)					662 (26.1)									
Overall width	mm (in)	360 (14.2)					307 (12.1)									
Overall height (S)	mm (in)	1,158 (45.6)	—		1,158 (45.6)	—	1,140 (44.9)	—								
(L)	mm (in)	1,279 (50.4)					1,261 (49.6)									
(Y)	mm (in)	1,320 (60.0)	—	1,320 (60.0)	—											
(X)	mm (in)	—		1,386 (54.6)	—											
<b>WEIGHT</b>																
(with aluminum propeller) (S)	kg (lb)	59 (130)	60 (132)	—		59 (130)	—	60 (132)	—							
(L)	kg (lb)	61 (135)	62 (137)	63.5 (140)	64.5 (142)	61 (135)		62 (137)	65 (143)	66 (146)						
(Y)	kg (lb)	62.5 (138)	—	65 (143)	—											
(X)	kg (lb)	—		67 (148)	—											
<b>PERFORMANCE</b>																
Maximum output (ISO)	kW (hp) @ r/min	22.1 (30) @ 5,000														
Full throttle operating range	r/min	4,500 ~ 5,500														
Maximum fuel consumption	L (US gal, Imp gal)/ h @ 5,500 r/min	13 (3.4, 2.9)														
<b>POWER UNIT</b>																
Type		2 stroke														
Number of cylinders		3														
Displacement	cm <sup>3</sup> (cu. in)	496 (30.3)														
Bore × stroke	mm (in)	59.5 × 59.5 (2.34 × 2.34)														
Compression ratio		6.80														
Number of carburetors		3														
Intake system		Reed valve														
Scavenging system		Loop charge														
Control system		Tiller control					Remote control									
Starting system		Manual	Manual & Electric		Manual	Electric										

Item	Worldwide USA CANADA	Unit	Model(s)								
			30DMH	30DMHO	30DWH	30DEHO	30DMO	30DE	30DEO	30DET	30DETO
			—	30MH	—	30EH	—	—	30ER	—	30TR
Ignition control system			CDI								
Lighting coil output		V – A	12 – 8 (option)		12 – 8						
Starting enrichment			Choke valve								
Spark plug			B7HS-10/BR7HS-10								
Exhaust system			Propeller hub								
Lubrication system			*1	*2	*1	*2	*1	*2	*1	*2	
Ignition timing		Degree	5 ATDC ~ 25 BTDC						TDC ~ 25 BTDC		
<b>FUEL AND OIL</b>											
Fuel type			Unleaded regular gasoline								
Fuel rating		PON *	86								
		RON *	91								
Engine oil			2-stroke engine oil								
Engine oil grade			TC-W3								
Mixing ratio			100:1	—	100:1	—	100:1	—	100:1	—	
Gear oil			Hypoid gear oil								
Gear oil grade			SAE #90								
Total quantity		cm <sup>3</sup> (US oz, Imp oz)	200 (6.76, 7.04)								
<b>BRACKET</b>											
Trim angle		Degree	4, 8, 12, 16, 20						-4 ~ 20		
Tilt-up angle		Degree	70								
Steering angle		Degree	40 + 40								
<b>DRIVE UNIT</b>											
Gear positions			F-N-R								
Gear ratio			1.85 (24/13)								
Gear type			Spiral bevel gear								
Propeller direction			Clockwise								
Propeller drive system			Spline								
Propeller series mark			F								
<b>ELECTRICAL</b>											
Battery capacity		Ah (kC)	—	40	—	40					
Minimum cold crank performance		A	—	210	—	210					

\*1: Premix

\*2: Oil injection

\* PON: Pump Octane Number

RON: Research Octane Number