

**SPEC****GENERAL SPECIFICATIONS****GENERAL SPECIFICATIONS**

Item	Unit	Model				
		20DM	20DMO	20DEM	20DEMO	20DERO
		20MH	20MH2	20EH	20EH2	—
Worldwide						
USA, CANADA						
<b>DIMENSION:</b>						
Over-all length	mm (in)	936 (36.9)				615 (24.2)
Over-all width	mm (in)	358 (14.1)				304 (12.0)
Over-all height	S mm (in)	1,068 (42.0)				
	L mm (in)	1,195 (47.0)				
Boat transom height	S mm (in)	381 (15.0)				
	L mm (in)	508 (20.0)				
<b>WEIGHT:</b> (with aluminum propeller)						
	S kg (lb)	48 (105.8)	49 (108.0)	50.5 (111.3)	51.5 (113.5)	50.5 (111.3)
	L kg (lb)	49.5 (109.1)	50.5 (111.3)	—		52 (114.6)
<b>PERFORMANCE:</b>						
Output (ISO)	kW (hp) @ r/min	14.7 (20) @ 5,500				
Full throttle operating range	r/min	5,000 ~ 6,000				
Maximum fuel consumption	L (US gal, Imp gal)/h @ r/min	11 (2.91, 2.42) @ 5,500				
<b>ENGINE:</b>						
Type		2 stroke in-line				
Number of cylinder		2				
Total displacement	cm <sup>3</sup> (cu. in)	395 (24.11)				
Bore × Stroke	mm (in)	67.0 × 56.0 (2.64 × 2.20)				
Compression ratio		7.20				
Number of carburetor		2				
Intake system		Reed valve				
Induction system		Loop charge				
Control system		Tiller control				Remote control
Starting system		Manual		Manual & Electric		
Ignition system		CDI				
Alternator output	V-W	12-80		—		
Charging current	V-A	—		12-6		
Enrichment system		Choke valve				
Advance type		Mechanical				
Spark plug (NGK)		B7HS-10				
For CANADA & Europe		BR7HS-10				
Exhaust system		Through propeller boss				
Lubrication system		Pre-mixed fuel & oil	Oil injection	Pre-mixed fuel & oil	Oil injection	
<b>FUEL AND LUBRICATION:</b>						
Fuel type		Regular gasoline				
Engine oil type/grade		2-stroke outboard motor oil/TC-W3				
Engine oil tank capacity	L (US qt, Imp qt)	—	0.7 (0.74, 0.62)	—	0.7 (0.74, 0.62)	

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<b>Worldwide</b>						
<b>USA, CANADA</b>						
<b>BRACKET:</b>						
Trim/tilt system		Manual tilt				
Tilt angle	Degree	8/12/15.5/19/23				
Tilt-up angle	Degree	67				
Shallow water cruising angle	Degree	30/36				
Steering angle	Degree (left + right)	40 + 40				
<b>LOWER UNIT:</b>						
Gear shift position		F-N-R				
Gear ratio		2.08 (27/13)				
Gear type		Spiral bevel gear				
Clutch type		Dog clutch				
Gear oil type		Hypoid gear oil-SAE#90				
Gear oil quantity	cm <sup>3</sup> (US oz, Imp oz)	370 (12.51, 13.02)				
Propeller direction		Clockwise				
Propeller drive system		Spline				
Propeller series mark		F				
<b>ELECTRICAL:</b>						
Battery capacity	Ah (AC)	40 (144)				
Cold cranking	Amps	210				

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		25NM	25NMO	25NEMO	25NE	25NEO	25NERO
Worldwide		25MH	25MH2	25EH	—	—	25ER
USA, CANADA							
<b>DIMENSION:</b>							
Over-all length	mm (in)	936 (36.9)					615 (24.2)
Over-all width	mm (in)	358 (14.1)					304 (12.0)
Over-all height	S mm (in)	1,068 (42.0)					
	L mm (in)	1,195 (47.0)					
Boat transom height	S mm (in)	381 (15.0)					
	L mm (in)	508 (20.0)					
<b>WEIGHT:</b> (with aluminum propeller)							
	S kg (lb)	48 (105.8)	49 (108.0)	51.5 (113.5)	—	50.5 (111.3)	49.5 (109.1)
	L kg (lb)	49.5 (109.1)	50.5 (111.3)	53 (116.8)	51 (112.4)	52 (114.6)	51 (112.4)
<b>PERFORMANCE:</b>							
Output (ISO)	kW (hp) @ r/min	18.4 (25) @ 5,500					
Full throttle operating range	r/min	5,000 ~ 6,000					
Maximum fuel consumption	L (US gal, imp gal)/h @ r/min	12 (3.17, 2.64) @ 5,500					
<b>ENGINE:</b>							
Type		2 stroke in-line					
Number of cylinder		2					
Total displacement	cm <sup>3</sup> (cu. in)	395 (24.11)					
Bore x Stroke	mm (in)	67.0 x 56.0 (2.64 x 2.20)					
Compression ratio		7.20					
Number of carburetor		2					
Intake system		Reed valve					
Induction system		Loop charge					
Control system		Tiller control					Remote control
Starting system		Manual	Manual & Electric				
Ignition system		CDI					
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Charging current	V-A	—	12-6				
Enrichment system		Choke valve					
Advance type		Mechanical					
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