



GENERAL SPECIFICATIONS

Item	Unit	Model												Note
		20 hp						25 hp						
		DM	DEM	DMO	DEMO	DEO	DERO	NM	NE	NMO	NEMO	NEO	NERO	
		MH	—	—	—	—	—	—	—	MH	EH	—	ER	World wide
		MH	EH	MH2	EH2	—	—	MH	—	MH2	EH	—	ER	USA
														Canada
DIMENSION:														
Over-all length	mm (in)	936 (36.9) 615 (24.2)												ERO
Over-all width	mm (in)	358 (14.1) 304 (12.0)												ERO
Over-all height	S	1,068 (42.0)												
	L	1,195 (47.0)												
	LL	1,246 (49.1)												
	UL	1,284 (50.6)												
Boat transom height	S	381 (15.0)												
	L	508 (20.0)												
	LL	559 (22.0)												
	UL	635 (25.0)												
WEIGHT:														
With aluminium propeller	S L LL UL S L LL UL	20 hp												
		DM	DEM	DMO	DEMO	DEO	DERO							
		48 (105.8)	50.5 (111.3)	49 (108.0)	50.5 (111.3)									
		49.5 (109.1)	52 (114.6)			—		52 (114.6)						
		50 (110.2)	52.5 (115.7)	—										
		50.5 (111.3)	53 (116.8)	—										
		25 hp												
		NM	NE	NMO	NEMO	NEO	NERO							
		48 (105.8)	49.5 (109.1)	49 (108.0)	51.5 (113.5)	50.5 (111.3)	49.5 (109.1)							
		49.5 (109.1)	51 (112.4)	50.5 (111.3)	53 (116.8)	52 (114.6)	51 (112.4)							
50 (110.2)	51.5 (113.5)	—												
—														
PERFORMANCE:														
Speed range at W.O.T	r/min	5000 ~ 6000												at 5,500 r/min
Output (ISO)	kW (hp)	14.9 (20)						18.7 (25)						
Maximum fuel consumption	L (US gal, Imp gal)/h	11 (2.91, 2.42)						12 (3.17, 2.64)						



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		MH	—	—	—	—	—	—	—	MH	EH	—	ER	USA
		MH	EH	MH2	EH2	—	—	MH	—	MH2	EH	—	ER	Canada
ENGINE:														
Type		2 stroke in-line												
Number of cylinder		2												
Total displacement	cm ³ (cu. in)	395 (24.11)												
Bore × Stroke	mm (in)	67.0 × 56.0 (2.64 × 2.20)												
Compression ratio		7.20												
Compression pressure	kPa (kg/cm ² , psi)	735 (7.35, 105)												
Number of carburetor		2												
Induction system		Loop Charge												
Starting device		R	R&E	R	R & E		R	R&E	R	R & E			R: Recoil starter E: Electric motor	
Alternator output	V-W	12-80	—	12-80	—		12-80	—	12-80	—			Recoil start model	
Charging current	V-A	—	12-06	—	12-06		—	12-06	—	12-06			Electric start model	
Enrichment system		Choke Valve												
Advance type		Mechanical												
Spark plug		BR7HS-10 (B7HS-10)												NGK number
Exhaust		Through Prop Boss												
Lubrication system		Pre-mix fuel & oil		Oil injection				Pre-mix fuel & oil		Oil injection				
FUEL AND LUBRICATION:														
Fuel type		Regular Gasoline												
Fuel rating	P.O.N.	86												lower limit
	R.O.N.	91												lower limit
Engine oil type/Grade		TC-W3												
Gear oil type		Hypoid Gear Oil-SAE#90												
Gear oil quantity	cm ³ (US oz, Imp oz)	370 (12.51, 13.02)												
Engine oil tank capacity	L (US qt, Imp qt)	—	0.7 (0.74, 0.62)				—	0.7 (0.74, 0.62)				Oil injection model		
BRACKET:														
Tilt angle	degree	8/12/15.5/19/23												
Tilt-up angle	degree	67												
Shallow water crushing angle	degree	30/36												
Steering angle	degree (left + right)	40+40												



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		MH	—	—	—	—	—	—	—	MH	EH	—	ER	USA
		MH	EH	MH2	EH2	—	—	MH	—	MH2	EH	—	ER	Canada
LOWER UNIT: Gear shift position Gear ratio Gear type Clutch type Propeller direction Propeller drive system Propeller series mark		F-N-R 2.08 (27/13) Spiral bevel gear Dog clutch Clockwise Spline F												
ELECTRICAL: Battery capacity	Ah (kC)	40 (144)												Electric start model
Cold cranking	Amps	210												Electric start model