1-2. SPECIFICATIONS

1-3. Dimensions

25 Models Dimensions

Overall length	600 mm (23.6 in.)
Overall width	320 mm (12.6 in.)
Overall height (short)	1100 mm (43.3 in.)
(long)	1225 mm (48.2 in.)
Transom height (short)	381 mm (15 in.)
(long)	508 mm (20 in.)

30 Models Dimensions

Overall length	600 mm (23.6 in.)
Overall width (Electric)	310 mm (12.2 in.)
(Manual)	360 mm (14.2 in.)
Overall height (short)	1140 mm (44.9 in.)
(long)	1267 mm (49.9 in.)
Transom height (short)	381 mm (15 in.)
(long)	508 mm (20 in.)

1-4. Powerhead

25 Models

Horsepower (hp)	25 @ 5500 rpm
Kilowatts (kw)	18.4 @ 5500 rpm
RPM range at full throttle	4500-5500 rpm
Type	Two stroke
Number of cylinders	2
Displacement	430 cc (26.2 cu. in.)
Bore and stroke	67 mm x 61 mm (2.638 in. x 2.402 in.)
Compression ratio (standard)	7.5:1
(work engine)	7.5:1
Intake system	Reed valve
Scavenging system	Loop charge
Exhaust system	Under water
Lubrication system	Pre-mixed gasoline and oil
Cooling system	Water cooled
Starting system	Electric and/or manual start

30 Models

Horsepower	29.4 @ 5500 rpm
Kilowatts	21.6 @ 5500 rpm
RPM range at full throttle	4500-5500 rpm
Type	Two stroke
Number of cylinders	2
Displacement	496 cc (30.3 cu. in.)
Bore and stroke	72 mm x 61 mm (2.835 in. x 2.402 in.)
Compression ratio (standard)	7.0:1
(work engine)	6.5:1
Intake system	Reed valve
Scavenging system	Loop charge
Exhaust system	Under water
Lubrication system	Pre-mixed gasoline and oil
Cooling system	Water cooled
Starting system	Electric and/or manual start

1.5. Fuel System

25 Models

Carburetor	Center bowl, fixed enrichment system
Main jet	See Parts Catalog
Vent jet	See Parts Catalog
Idle RPM	650 to 750 (in gear)
Fuel	Pre-mixed gasoline and oil
Mixing ratio	50:1 (25:1 break-in period)
Fuel tank capacity	24 L (6.4 US gals)
Replacement tank	22.7 L (6.0 US gals)
Oil for pre-mixing	Quicksilver Outboard Oil
Fuel	Regular leaded, low lead or lead free gasoline

30 Models

Carburetor	Center bowl, fixed enrichment system
Main jet	See Parts Catalog
Vent jet	See Parts Catalog
Idle RPM	600 to 700 (in gear)
Fuel	Pre-mixed gasoline and oil
Mixing ratio	50:1 (25:1 break-in period)
Fuel tank capacity	24 L (6.4 US gals)
Replacement tank	22.7 L (6.0 US gals)
Oil for pre-mixing	Quicksilver Outboard Oil
Fuel	Regular leaded, low lead or lead free gasoline

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1-6. Ignition System

25 Models

Ignition method	"Bendix" type magneto
Breaker point gap	0.35 ± 0.005 mm (0.014 ± 0.002 in.)
Spark plug	NGK-B7HS
Timing maximum	3.35 ± 0.45 mm (0.132 ± 0.018 in.) 24° ± 2° BTDC
Spark plug gap	0.5 to 0.6 mm (0.020 to 0.025 in.)
Ignition coil	
Primary	1.34 to 1.63 ohm
Secondary (primary side to ground)	1.35 to 1.65 ohm
(secondary side to ground)	4160 to 6240 ohm

30 Models

Ignition method	CDI
Spark plug	NGK-B7HS
Timing maximum	3.62 ± 0.28 mm (0.143 ± 0.011 in.) 25° ± 1° BTDC
Spark plug gap	0.5 to 0.6 mm (0.20 to 0.24 in.)