



Specifications

Models 40/50/55/60		
HORSEPOWER (kW)	Model 40 Model 50 Model 55 Model 60	40 (29.8) 50 (37.3) 55 (41.0) 60 (44.7)
OUTBOARD WEIGHT	Manual 40/50 ML 55 ML Electric 40/50 ELPTO 40/50 ELO 60 ELPTO 60 ELO	205 lbs. (93.0 kg) 220 lbs. (99.8 kg) 204 lbs. (92.5 kg) 200 lbs. (90.7 kg) 219 lbs. (99.3 kg) 215 lbs. (97.5 kg)
CYLINDER BLOCK	Type Displacement	3 Cylinder-2 Cycle-Loop Charged 59 cu. in. (967 cc)
STROKE	Length	2.796 in. (71 mm)
CYLINDER BORE	Diameter Taper/Out of Round Maximum Bore Type	2.993 in. (76 mm) 0.003 in. (0.08 mm) Cast Iron
PISTON	Type Standard Diameter 0.015 in. (0.381 mm) Oversize 0.030 in. (0.762 mm) Oversize	Aluminum 2.988 in. (75.895 mm) 3.003 in. (76.276 mm) 3.018 in. (76.657 mm)
REEDS	Reed Stand Open (Max.) Reed Stop (Max.) 40 50/55/60 Reed Thickness	0.020 in. (0.50 mm) 0.090 in. (2.286 mm) Not Adjustable 0.010 in. (0.254 mm)
FUEL SYSTEM	Recommended Gasoline Recommended Oil Break-in Gasoline/Oil Ratio Manual Start Models Electric Start Models After Break-in Gasoline/Oil Ratio Manual Start Models Electric Start Models Fuel Pressure @ Idle @ W.O.T.	Unleaded-87 Octane Minimum Quicksilver TC-WII or TC-W3 2 Cycle Outboard Oil Pre-mixed Gasoline and Oil 25:1 50:1 (In Fuel Tank) Pre-mixed Gasoline and Oil 50:1 Straight Gasoline 3.5 PSI (24 kPa) 6.0 PSI (41 kPa)



GEAR HOUSING	40/50 Gear Ratio Gearcase Capacity Lubricant Type Forward Gear Number of Teeth Pinion Gear Number of Teeth Pinion Height Forward Gear Backlash Water Pressure @ Idle @ W.O.T. Pressure Test	1.83:1 14.9 fl. oz. (440 mL) Quicksilver Gear Lube-Premium Blend 22 Spiral/Bevel 12 Spiral/Bevel 0.025 in. (0.64 mm) No Adjustment 0.5-1.5 PSI (3-10 kPa) 5.0-7.0 PSI (35-48 kPa) 10-12 PSI (69-83 kPa) for 5 Minutes
	55/60 Gear Ratio Gearcase Capacity Lubricant Type Forward Gear Number of Teeth Pinion Gear Number of Teeth Pinion Height Forward Gear Backlash Water Pressure @ Idle @ W.O.T. Pressure Test	1.64:1 11.5 fl. oz. (340 mL) Quicksilver Gear Lube-Premium Blend 23 14 0.025 in. (0.64 mm) Pinion Gear Locating Tool (91-817008A2) 0.013-0.019 in. (0.33-0.48 mm) 1-3 PSI (7-20 kPa) 7-12 PSI (48-83 kPa) 10-12 PSI (69-83 kPa) for 5 Minutes
	60 Bigfoot Gear Ratio Gearcase Capacity Lubricant Type Forward Gear Number of Teeth Pinion Gear Number of Teeth Pinion Height Forward Gear Backlash Water Pressure @ Idle @ W.O.T. Pressure Test	2.3:1 22.5 fl. oz. (655 mL) Quicksilver Gear Lube-Premium Blend 30 13 0.025 in. (0.64 mm) 0.012 in.-0.019 in. (0.30 mm-0.48 mm) 10-15 PSI (69-103 kPa) @ 5250 RPM 2-7 PSI (14-48 kPa) 10-15 PSI (69-104 kPa) 10-12 PSI (69-83 kPa) for 5 Minutes



STARTING SYSTEM	Manual Start Electric Start Starter Draw (Under Load) Battery Rating	Recoil Starter 125 Amperes Min. Reserve Cap. Rating of 100 Min. and CCA of 350 Amperes
IGNITION SYSTEM	Type Spark Plug Type Spark Plug Gap Firing Order	Capacitor Discharge NGK BP8H-N-10 *NGK BPZ8H-N-10 0.040 in. (1.0mm) 1-2-3
CHARGING SYSTEM	Alternator Output Electric Models Manual Models (Not Regulated)	Single Phase (12 Pole) 16 Amperes @ 3000 RPM 9 Amperes @ 3000 RPM 7 Amperes @ 3000 RPM
CARBURETOR	Idle RPM Wide Open Throttle (W.O.T.) RPM Idle Mixture Screw Adjustment Preset (Turns Out) Float Adjustment Float Level Main Jet Model 40 (WME-53, 69) Model 50 (WME-68) Model 55 (WME-57) Model 60 (WME-58)	675 ± 25 5000-5500 1 ¹ / ₄ ± 1 ¹ / ₄ 9 ⁹ / ₁₆ in. (14 mm) 0.044 in. 0.052 in. 0.058 in. 0.060 in.
OIL INJECTION	Recommended Oil Oil Tank Capacity/Approx. Time Reserve Capacity/Approx. Time Oil Output With Engine RPM of 1500 and Oil Pump @ W.O.T. Model 40 Model 50/60	Quicksilver TC-WII or TC-W3 2 Cycle Outboard Oil 3.0 qts. (2.8 L) 7 hours 14.5 fl. oz. (0.43 L) 1 ¹ / ₂ hour 15.0 ± 3.0 cc of oil in 10 minutes 22.0 ± 3.0 cc of oil in 10 minutes
TIMING	Idle Maximum Timing @ Cranking Speed -Model 40/50/60 -Model 55/60 Seapro-Marathon @ 5000 RPM - Model 40/50/60 - Model 55/60 Seapro-Marathon	T.D.C. ± 2° 24° B.T.D.C. 18° B.T.D.C. 22° B.T.D.C. 16° B.T.D.C.
TEMPERATURE SWITCH	Temperature Normal 190°F ± 8° (88°C ± 4°C) 170°F ± 8° (77°C ± 4°C)	Open - No Continuity Closed - Full Continuity Open - No Continuity

*Suppressor (resistor) spark plug