

GENERAL SPECIFICATIONS

Model (In-Lines)		50 HP	70 HP
Full Throttle RPM Range		5000 - 5500	
Idle RPM Range in Forward Gear		550-650	650-750
Engine Type		4-Cylinder In-Line 2-Cycle	3-Cylinder In-Line 2-Cycle
Cu. In. Displacement		44 (721cc)	49.8 (816cc)
Cylinder Bore	Standard-----	2.565" (65.151mm)	2.875" (73.025mm)
	.015" Oversized-----	2.580" (65.532mm)	2.890" (73.422mm)
	.030" Oversized-----	-----	2.905" (73.787mm)
Stroke		2-1/8" (53.98mm)	2-9/16" (65.09mm)
Firing Order		1-3-2-4	1-2-3 1-3-2 ■
Ignition Type		Thunderbolt Breakerless	
Spark Plugs		AC-V40FFK or • Champion L78V	AC-V40FFM or Δ Champion L76V
Engine Weight (Fuel Tank Not Included)		50E 176 Lbs. (80kg) 50M 168 Lbs. (76kg)	190 Lbs. (86kg)
Fuel Tank (Supplied; Includes Capacity for Oil)		6 Gallons (22.7 Liters)	
Reed Stop Opening		5/32" (3.969mm)	.180" (4.572mm)
Piston Diameter-Standard	Above Rings-----	2.551" (64.800mm)	2.863" (72.720mm)
	Skirt-----	2.558" (64.973mm)	2.872" (72.949mm)
Piston Diameter .015" Oversized	Above Rings-----	2.566" (65.176mm)	2.878" (73.101mm)
	Skirt-----	2.573" (65.354mm)	2.887" (73.330mm)
Piston Diameter .030" Oversized	Above Rings-----	-----	2.893" (73.482mm)
	Skirt-----	-----	2.902" (73.711mm)
Piston Ring Diameter	Standard-----	2.562" (65.075mm)	2.874" (73.000mm)
	.015" Oversized-----	2.577" (65.459mm)	2.889" (73.381mm)
	.030" Oversized-----	-----	2.904" (73.761mm)
Carburetor Jet Sizes		See Chart, Following.	
Fuel Pump Discharge Pressure		-----	2 psi (0.14kg/cm ²) at Idle 4 to 5-1/2 psi (0.28 to 0.39 kg/cm ²) at WOT
Fuel Tank Weight		* 10 Lbs. (4.54kg) Empty; 50 Lbs. (22.78kg) Full	
Battery		Min. Reserve Capacity Rating of 100 Minutes	
Starter Motor Amperes Draw: A-50-55601 A-50-65436 A-50-73521		40 Amps No Load; 100 Amps Cranking Engine 40 Amps No Load; 145 Amps Cranking Engine 40 Amps No Load; 100 Amps Cranking Engine	
Gear Housing		Forward-Neutral-Reverse	
Gear Ratio		2:1	1.64:1 1.83:1 ■
Forward Gear - No. of Teeth		26	23
Pinion Gear - No. of Teeth		13	14
Gear Housing Lubricant Capacity		12.5 Fl. Oz. (370ml)	

Δ QL76V in Countries Other than U.S.A.

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* Larger Fuel Tanks, Figure 6 1/2 Lbs. (2.9kg) per

Fuel Gallon (3.79 Liters) Plus Weight of Tank.

NOTE: Other Specifications (Torques, Etc) Are Listed in the Front of the Respective Sections.

Engines with the Following Serial Nos.			
U.S.A.	Canada	Australia	Europe
5579017 and Above	7145938 and Above	8065065 and Above	9255131 and Above