## **SPECIFICATIONS**

Model Numbers	6902 - Standard length (15" transom)	Propeller drive pin			Part Number 307949, 3/16" x 1-25/64" stainless steel			
	6903 - 5" longer (20" transom)	Propeller			8" diameter x 7-1/4" pitch, 2 blade			
Horsepower (O.B.C certified)	6 hp at 4500 rpm	Speed cont	rol		Twist-grip, synchronized throttle and spark			
Full throttle operating	3500 - 4500 rpm	Gear shift control			Forward, neutral, and reverse			
range		Weight	DWW.		Model 6903 - 51 pounds			
Tank test with test wheel	4000 rpm	(without fuel tank)			Model 6903 - 52 pounds (Fuel tank weight 11 pounds net)			
Engine type	2 cylinder, 2 cycle, alternate firing	Fuel capacity		6 g	6 gallons, suction type tank			
Bore and stroke	1-15/16" bore x 1-1/2" stroke	Starter		Ma	Manual, self-rewinding			
Piston displace-	8.84 cubic inches	Ignition		Fly	Flywheel magneto			
ment Piston ring sets (3		Spark plug			AC-M42K, Champion J4J, Auto-Lite A21X - 14mm			
standard .020" oversize	Part Number 378432 Part Number 378417	Spark plug gap		.03	.030 inch			
Diameter of ring	1.9375 in. (standard)	Spark plug torque 17-1/2 - 20-1/2 Foot-pounds						
Width of ring	.09350925 in.	Breaker point gap .020 inch						
Lbs. compression recommended	2 to 4 lbs.	Part No. 580416 Coil Test Specifications -						
when compressed		Old Stevens Tester						
Piston less rings standard .020" oversize	Part Number 376994 Part Number 376427	Switch Index Reading						
Crankshaft size	Tatt Number 510121	A		2 - 2.5				
top journal center journal	.80858080 in. .80808075 in.	New Stevens Tester Model No. M.A75						
bottom journal	.80858080 in.	Switch	Index A	Adjustn	nent			
Connecting rod crank pin	.66906685 in.	A 24						
Carburetion	Single barrel, float feed, low- speed adjustment	Merc-O-Tronic						
Float level setting	Flush with rim of casting	Operating Amperage		Res	Primary Secondary Resistance Continuity			
Carburetor orifice plug	Hole size .048"	1.6			- Max.	Min Max. 30 - 45		
Inlet needle seat	.053" to .050". Use a #55 drill as gage	Graham Tester Model 51						
Cooling system	Centri-Matic (combination positive displacement and	Maximum Secondary		mum nary	Coil Index	Minimum Coil Test	Gap Index	
	centrifugal pump) Thermostatically controlled	4000	1	.2	75	33	75	
Propeller gear ratio	15:26	Condenser Part Number 580321 Capacity .1822 Mfd.						

<sup>\*</sup>Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.