

SPECIFICATIONS

Model Numbers	6502 - Standard length (15" transom) 6503 - 5" longer (20" transom)	Propeller gear ratio	15:26
*Horsepower (O.B.C. - certified)	6 hp at 4500 rpm	Propeller drive pin	Part Number 302333, 3/16" x 7/8" stainless steel
Full throttle operating range	4000 - 5000 rpm	Propeller	8" diameter x 7-1/4" pitch, 2 blade
Engine type	2 cylinder, 2 cycle, alternate firing	Speed control	Twist-grip, synchronized throttle and spark
Bore and stroke	1-15/16" bore x 1-1/2" stroke	Gear shift control	Forward, neutral, and reverse
Piston displacement	8.84 cubic inches	Weight (without fuel tank)	Model 6502 - 51 pounds Model 6503 - 52 pounds (Fuel tank weight 12 pounds net)
Piston ring sets (3 per set)		Fuel capacity	6 gallons, suction type tank
standard	Part Number 378432	Starter	Eas-A-Matic, self-rewinding
.020" oversize	Part Number 378417	Ignition	Flywheel magneto
Diameter of ring	1.9375 in. (standard)	Spark plug	AC-M24K, Champion J4J, Auto-Lite A21X - 14mm
Width of ring	.0935 - .0925 in.	Spark plug gap	.030 inch
Lbs. compression recommended when compressed	2 to 4 lbs.	Spark plug torque	20 - 20-1/2 Foot-pounds
Piston less rings		Breaker point gap	.020 inch
standard	Part Number 376994	Condenser capacity	.18 - .22 Mfd.
.020" oversize	Part Number 376427	Carburetion	Single barrel, float feed, low-speed adjustment
Crankshaft size		Float level setting	Flush with rim of casting
top journal	.8085 - .8080 in.	Carburetor orifice plug	Hole size .041"
center journal	.8080 - .8075 in.	Inlet needle seat	.053" to .050". Use a #55 drill as gage.
bottom journal	.8085 - .8080 in.		
Connecting rod crank pin	.6690 - .6685 in.		
Cooling system	Centri-Matic (combination positive displacement and centrifugal pump) Thermostatically controlled		

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.