

SPECIFICATIONS

Model Numbers	18502-Standard length (15" transom) 18503-5" longer (20" transom)	Propeller gear ratio	12:21
*Horsepower (O.B.C.-certified)	18 hp at 4500 rpm	Propeller drive pin	Part Number 307949 3/16" x 1-3/8" stainless steel
Full throttle operating range	4000 to 5000 rpm	Propeller	9-1/4" diameter x 11" pitch, 3 blade
Engine type	2 cylinder, 2 cycle, alternate firing	Speed control	Twist-grip, synchronized throttle and spark
Bore and stroke	2-1/2" bore x 2-1/4" stroke	Gear shift control	Forward, neutral and reverse
Piston displacement	22.0 cubic inches	Weight (standard model)	77 pounds without fuel tank (Fuel tank weight 12 pounds net)
Piston ring sets standard	(3 per set) Part Number 378415	Fuel capacity	6 gallons, suction type tank
.020" oversize	Part Number 378419	Starter	Eas-A-Matic self-rewinding
.040" oversize	Part Number 378423	Ignition	Flywheel magneto
Diameter of ring	2.5000 in. (standard)	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm
Width of ring	.0935 - .0925 in.	Spark plug gap	.030 inch
Lbs. compression recommended when compressed	3 to 5 lbs.	Spark plug torque	20 - 20-1/2 Foot-pounds
Piston less rings standard	Part Number 378278	Breaker point gap	.020 inch
.020" oversize	Part Number 378374	Condenser capacity	.25 - .29 Mfd.
.040" oversize	Part Number 378375	Carburetion	Single barrel, float feed, low-speed adjustment
Crankshaft size top journal	1.0000 - .9995 in.	Float level setting	Flush with rim of casting
center journal	1.000-.9995 in.	Carburetor orifice plug	.064"
bottom journal	1.000-.9995 in.	Inlet needle seat	.053" - .050" Use a #55 drill as a gage.
Connecting rod crank pin	1.0005 - 1.0000 in.		
Cooling system	Centri-Matic (combination positive displacement and centrifugal pump). Thermostatically controlled by-pass system		

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