

SPECIFICATIONS

Model Numbers	18302E, 18302L, 18402D-Standard length (15" transom) 18303E, 18303L, 18403D-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)	79 pounds without fuel tank (Fuel tank weight 12 pounds net)
Piston ring sets standard .020" oversize .040" oversize	(3 per set) Part Number 378415 Part Number 378419 Part Number 378423	Fuel capacity	6 gallons, suction type tank
Diameter of ring	2.5000 in. (standard)	Starter	Eas-A-Matic self-rewinding
Width of ring	.0935 - .0925 in.	Ignition	Flywheel magneto
Lbs. compression recommended when compressed	3 to 5 lbs.	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm
Piston less rings standard .020" oversize .040" oversize	Part Number 378278 Part Number 378374 Part Number 378375	Spark plug gap	.030 inch
Crankshaft size top journal center journal bottom journal	1.0000 - .9995 in. 1.000-.9995 in. 1.000-.9995 in.	Spark plug torque	20 - 20-1/2 Foot-pounds
Connecting rod crank pin	1.0005 - 1.0000 in.	Breaker point gap	.020 inch
Cooling system	Centri-Matic (combination positive displacement and centrifugal pump). Thermostatically controlled by-pass system	Condenser capacity	.25 - .29 Mfd.
		Carburetion	Single barrel, float feed, low-speed adjustment
		Float level setting	Flush with rim of casting
		Carburetor orifice plug	.064"
		Inlet needle seat	.053" - .050" Use a #55 drill as a gage.

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