

SPECIFICATIONS

Model Numbers	33502 - Standard length (15" transom) 33503-5" longer (20" transom) 33552 - Standard length (15" transom) 33553-5" longer (20" transom)	Propeller gear ratio	12:21
*Horsepower (O.B.C.-certified)	33 hp at 4500 rpm	Propeller drive pin	Part Number 304575, 1/4" x 1-15/32" stainless steel
Full throttle operating range	4000 to 5000 rpm	Propeller	10-3/8" diameter x 12-1/2" pitch, 3 blade
Engine type	2 cylinder, 2 cycle	Speed control	Knob on steering bracket or remote control. Synchronized throttle and spark
Bore and stroke	3-1/16" bore x 2-3/4" stroke	Gear shift control	Forward, neutral, and reverse
Piston displacement	40.5 cubic inches	Weight (without fuel tank)	Model 33502 - 127 lbs. Model 33503 - 131 lbs. Model 33552 - 140 lbs. Model 33553 - 144 lbs. (Fuel tank weight 12 pounds net)
Piston ring sets (3 per set) standard	Part Number 378436	Fuel capacity	6 gallons, suction type tank
.020" oversize	Part Number 378437	Starter	Ski-Twin - Simplex self-winding Ski-Twin Electric - Electric
.040" oversize	Part Number 378438	Ignition	Flywheel magneto
Diameter of ring	3.0625 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	6 to 9 lbs.	Spark plug torque	20 - 20-1/2 foot-pounds
Piston less rings standard	Part Number 380039	Breaker point gap	.020 inch
.020" oversize	Part Number 380557	Condenser capacity	.25 - .29 mfd.
.040" oversize	Part Number 380558	Carburetion	Single barrel, float feed, high - and low-speed adjustments, manual choke or electric choke
Crankshaft size top journal	1.2500 - 1.2495	Float level setting	Flush with rim of casting
center journal	1.0000 - .9995	Inlet needle seat	.065 - .062
bottom journal	1.0000 - .9995		
Connecting rod crank pin	1.1828 - 1.1823 in.		
Cooling system	Centri-matic (combination positive displacement and centrifugal)		

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