

# SPECIFICATIONS

Model Numbers	CD-25 - Standard length (15" transom) CDL-25 - 5" longer (20" transom)	Propeller drive pin	Part Number 307949, 3/16" x 1-25/64" stainless steel				
*Horsepower (O.B.C. - certified)	6 hp at 4500 rpm	Propeller	8" diameter x 7-1/4" pitch, 2 blade				
Full throttle operating range	4000 - 5000 rpm	Speed control	Twist-grip, synchronized throttle and spark				
Tank test with test wheel	4000 rpm	Gear shift control	Forward, neutral, and reverse				
Engine type	2 cylinder, 2 cycle, alternate firing	Weight (without fuel tank)	Model CD-25 - 51 pounds Model CDL-25 - 52 pounds (Fuel tank weight 11 pounds net)				
Bore and stroke	1-15/16" bore x 1-1/2" stroke	Fuel capacity	6 gallons, suction type tank				
Piston displacement	8.84 cubic inches	Starter	Manual, self-rewinding				
Piston ring sets (3 per set)		Ignition	Flywheel magneto				
standard	Part Number 378432	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm				
.020" oversize	Part Number 378417	Spark plug gap	.030 inch				
Diameter of ring	1.9375 in. (standard)	Spark plug torque	17-1/2 - 20-1/2 Foot-pounds				
Width of ring	.0935 - .0925 in.	Breaker point gap	.020 inch				
Lbs. compression recommended when compressed	2 to 4 lbs.	Part No. 580416 Coil Test Specifications -	Old Stevens Tester				
Piston less rings			Switch   Index Reading				
standard	Part Number 376994		A   2 - 2.5				
.020" oversize	Part Number 376427		New Stevens Tester Model No. M.A.-75				
Crankshaft size			Switch   Index Adjustment				
top journal	.8085 - .8080 in.		A   24				
center journal	.8080 - .8075 in.		Merc-O-Tronic				
bottom journal	.8085 - .8080 in.		Operating Amperage   Primary Resistance   Secondary Continuity				
Connecting rod crank pin	.6690 - .6685 in.		Min. - Max.   Min. - Max.   Min. - Max.				
Carburetion	Single barrel, float feed, low-speed adjustment		1.6   .45 - .55   30 - 45				
Float level setting	Flush with rim of casting		Graham Tester Model 51				
Carburetor orifice plug	Hole size .048"		Maximum Secondary   Maximum Primary   Coil Index   Minimum Coil Test   Gap Index				
Inlet needle seat	.053" to .050". Use a #55 drill as gage		4000   1.2   75   33   75				
Cooling system	Vari-Volume (combination positive displacement and centrifugal pump) Thermostatically controlled		Condenser Capacity				
Propeller gear ratio	15:26		Part Number 580321 .18 - .22 Mfd.				

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