

SPECIFICATIONS

Model Numbers	3702 (Lightwin, folding, standard length) 3703 (Lightwin, folding, 5" longer) 3706 (Lightwin, rigid, standard length) 3707 (Lightwin, rigid, 5" longer) 3716 (Ducktwin, rigid) 3732 (Yachtwin, folding, standard length) 3733 (Yachtwin, folding, 5" longer) 3736 (Yachtwin, rigid, standard length) 3737 (Yachtwin, rigid, 5" longer)	Propeller gear ratio	17:28 Lightwin 12:25 Yachtwin 17:28 Ducktwin
*Horsepower (O.B.C.-certified)	3 hp at 4000 rpm	Propeller drive pin	Part Number 203230 1/8" x 13/16" stainless steel
Full throttle operating range	3500 to 4500 rpm	Propeller	Yachtwins - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2" 3 blade Lightwins - 6-1/8" diameter x 6-1/4" pitch, 2 blade
Engine type	2 cylinder, 2 cycle, alternate firing	Speed control	Single lever, synchronized throttle and spark
Bore and stroke	1-9/16" bore x 1-3/8" stroke	Weight	Model 3702 - 35 lbs. Model 3703 - 36-1/2 lbs. Model 3706, 3716 - 33 lbs. Model 3707 - 33-1/2 lbs. Model 3732 - 35-1/2 lbs. Model 3733 - 37 lbs. Model 3736 - 33-1/2 lbs. Model 3737 - 34 lbs.
Piston displacement	5.28 cubic inches	Fuel capacity	0.61 gallons, gravity feed tank 4.83 pts.
Piston ring sets (2 per set) standard	Part Number 378412	Starter	Eas-A-Matic, self-rewinding
.020" oversize	Part Number 378414	Ignition	Flywheel magneto
Diameter of ring	1.563 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	2 to 3-1/2 lbs.	Spark plug torque	17-1/2 - 20-1/2 foot-pounds
Piston less rings standard	Part Number 376991	Breaker point gap	.020 inch
.020" oversize	Part Number 277283	Condenser capacity	.18 to .22 Mfd.
Crankshaft size top journal	.6854 - .6849 in.	Carburetion	Single barrel float feed, with low-speed adjustment
center journal	.6854 - .6849 in.	Float level setting	Flush with casting
bottom journal	.6854 - .6849 in.	Carburetor orifice plug	Hole size .029
Connecting rod crank pin	.6255 - .6250 in.	Inlet needle seat	.065 - .062 Use a #52 drill as gauge.
Cooling system	Centri-matic (combination positive displacement and centrifugal pump).		

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