

SPECIFICATIONS

Model Numbers	28302A, 28302AA-Standard length (15" transom) 28303A, 28303AA-5" longer (20" transom) 28402M-Standard length (15" transom) 28403M-5" longer (20" transom)	Propeller gear ratio	12:21
*Horsepower (O.B.C.-certified)	28 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 11-1/2" 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	2-7/8" bore x 2-3/4" stroke	Gear shift control	Forward, neutral, and reverse
Piston displacement	35.7 cubic inches	Weight (standard length)	127 pounds, without fuel tank (Fuel tank weight 12 pounds net)
Piston ring sets (3 per set)		Fuel capacity	6 gallons, suction type tank
standard	Part Number 378421	Starter	Simplex self-winding
.020" oversize	Part Number 378422	Ignition	Flywheel magneto
.040" oversize	Part Number 378424	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm
Diameter of ring	2.875 in. (standard)	Spark plug gap	.030 inch
Width of ring	.0935 - .0925 in.	Spark plug torque	20 - 20-1/2 foot-pounds
Lbs. compression recommended when compressed	6 to 9 lbs.	Breaker point gap	.020 inch
Piston less rings		Condenser capacity	.25 - .29 mfd.
standard	Part Number 378884	Carburetion	Single barrel, float feed, high - and low-speed adjustments, manual choke
.020" oversize	Part Number 378910	Float level setting	Flush with rim of casting
.040" oversize	Part Number 378911	Inlet needle seat	.065 - .062
Crankshaft size			
top journal	1.2500 - 1.2495		
center journal	1.0000 - .9995		
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.