## SPECIFICATIONS

Model Numbers  40R73 - Standard length (15" transom) 40RL73 - 5" longer (20" transom) 40EL73 - Standard length (15" transom) 40EL73 - Standard length (15" transom) 40EL73 - 5" longer (20" transom) 50	pitch  l - ced  sse
40RL73 - 5" longer (20" transom) 40E73 - Standard length (15" transom) 40E173 - 5" longer (20" transom) (15" transom) 40EL73 - 5" longer (20" transom) Horsepower (B.I.A. 40 hp at 4500 rpm certified)  Full throttle operating range  Tank test with test wheel Part Number 378566  Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke Piston displace- ment Piston ring sets (2 per set) standard .030" oversize Diameter of ring 3 blade, 10-3/8" dia. x 12" pitch 3 blade, 11" dia. x 9" pitch 3 blade, 10-3/8" dia. x 14" 3 blade, 10-3/8" dia. x 14" 3 blade, 10-3/8" dia. x 12" pitch 3 blade, 10-3/8" dia. x 14" 4000 to 5000 rpm certified)  Flectric Start. Knob on steering bracket or remote control Weight (without fuel tank) Model 40E73 - 128 lbs. Model 40E73 - 131 lbs. Model 40E73 - 131 lbs. Fuel capacity Starter  Manual - Self-winding Electric - 12 volt, Key star and manual self rewinding Width of ring Upper09000895 in. Lower06150625 in. Lower06150625 in.  Ignition Flexuation of the start of the sta	l -ced see
(15" transom) 40EL73 - 5" longer (20" transom)  Horsepower (B.I.A. 40 hp at 4500 rpm certified)  Full throttle operating range  Tank test with test wheel Part Number 378566  Engine type 2 cyl., 2 cycle, alternate firing  Bore and stroke 3-3/16" bore x 2-3/4" stroke  Piston displace-ment  Piston ring sets (2 per set) standard Part Number 384699 .030" oversize Part Number 384718  Diameter of ring 3.1875 in. (standard  Width of ring Upper09000895 in. Lower06150625 in.  Lower06150625 in.  Lower05150625 in.  Speed control  Speed control  On steering handle - Manua start. Knob on steering bracket or remote control  Electric Start. Synchroniz throttle and spark  Forward, neutral, and reverse control  Weight (without fuel tank) Model 40R73 - 128 lbs. (without fuel tank) Model 40E73 - 137 lbs. Model 40ET73 - 140 lbs. (Fuel tank weight 11 pound for gallons)  Starter amperage draw while cranking 120 AMP.  Ignition Flywheel magneto	l -ced see
Horsepower (B.I.A. 40 hp at 4500 rpm certified)  Full throttle 4000 to 5000 rpm operating range  Tank test with test wheel Part Number 378566  Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 3-3/16" bore x 2-3/4" stroke  Piston displace- ment Piston ring sets (2 per set) standard Part Number 384699 .030" oversize Part Number 384718  Diameter of ring Upper09000895 in. Lower06150625 in.  Loss. compression Upper5 to 2.5 lbs.  Speed control On steering handle - Manua start. Knob on steering bracket or remote control Electric Start. Synchroniz throttle and spark  Forward, neutral, and rever control Weight (without fuel Model 40R73 - 128 lbs. (without fuel tank) Model 40E173 - 131 lbs. (Fuel tank weight 11 pound for gallons  Starter amperage draw while cranking 120 AMP.  Ignition Flywheel magneto	l -ced see
certified) Full throttle 4000 to 5000 rpm operating range Tank test with test wheel Part Number 378566 Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 3-3/16" bore x 2-3/4" stroke Piston displace- 43.9 cubic inches ment Piston ring sets (2 per set) standard Part Number 384699 .030" oversize Part Number 384718 Diameter of ring 3.1875 in. (standard Width of ring Upper09000895 in. Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Start. Knob on steering bracket or remote control Electric Start. Synchronis throttle and spark  Forward, neutral, and reverse control Weight Model 40R73 - 128 lbs. (without fuel Model RL73 - 131 lbs. (without fuel Model 40E73 - 137 lbs. Model 40E173 - 140 lbs. (Fuel tank weight 11 pound Electric - 12 volt, Key star and manual self-winding Electric - 12 volt, Key star and manual self rewinding Width of ring Upper09000895 in. Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Starter amperage draw while cranking 120 AMP.  Ignition Flywheel magneto	sed see
Tank test with test wheel Part Number 378566  Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 3-3/16" bore x 2-3/4" stroke  Piston displace- Model 40E173 - 131 lbs.  Piston ring sets (2 per set) standard Part Number 384699  1.030" oversize Part Number 384718  Diameter of ring 3.1875 in. (standard  Width of ring Upper09000895 in. Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Electric Start. Synchronize throttle and spark  Gear shift control  Weight Model 40R73 - 128 lbs.  (without fuel Model RL73 - 131 lbs.  (without fuel Model 40E173 - 131 lbs.  (without fuel Model 40E173 - 140 lbs.  (Fuel tank weight 11 pounds and manual self-winding Electric - 12 volt, Key star and manual self rewinding while cranking 120 AMP.  Starter amperage draw while cranking 120 AMP.	sed see
Tank test with test wheel Part Number 378566  Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 3-3/16"bore x 2-3/4" stroke  Piston displace- 43.9 cubic inches ment  Piston ring sets (2 per set) standard Part Number 384699 .030" oversize Part Number 384718  Diameter of ring 3.1875 in. (standard  Width of ring Upper09000895 in. Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Cear shift control  Weight Model 40R73 - 128 lbs. (without fuel Model RL73 - 131 lbs. Model 40EL73 - 140 lbs. (Fuel tank weight 11 pounds and manual self-rewinding Electric - 12 volt, Key star and manual self rewinding to the standard while cranking 120 AMP.  Ignition Flywheel magneto	se se s net
wheel Part Number 378566 Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 3-3/16"bore x 2-3/4" stroke  Piston displace- ment Piston ring sets (2 per set) standard	s net
Engine type  2 cyl., 2 cycle, alternate firing Bore and stroke  3-3/16"bore x 2-3/4" stroke  Piston displace- ment  Piston ring sets (2 per set) standard	
Bore and stroke 3-3/16"bore x 2-3/4" stroke  Piston displace- ment  Piston ring sets (2 per set) standard -030" oversize  Part Number 384699 Diameter of ring  Width of ring  Upper09000895 in. Lower06150625 in.  Lbs. compression    Without fuel   Model RL73 - 131 lbs.     Model 40EL73 - 140 lbs.     (Fuel tank weight 11 pound)   Fuel capacity   6 gallons     Starter   Manual - Self-winding     Electric - 12 volt, Key star     and manual self rewinding     Starter amperage draw     while cranking   120 AMP.   Ignition   Flywheel magneto	
Piston displace- ment  Piston ring sets (2 per set) standard .030" oversize  Diameter of ring  Width of ring  Upper09000895 in. Lower06150625 in.  Lbs. compression  Model 40EL73 - 140 lbs. (Fuel tank weight 11 pound for gallons  Starter  Manual - Self-winding Electric - 12 volt, Key star and manual self rewinding  Starter amperage draw while cranking  120 AMP.  Lipsiton ring sets (2 per set) Starter  Model 40EL73 - 140 lbs. (Fuel tank weight 11 pound for gallons Starter  Starter  Starter amperage draw while cranking  120 AMP.  Ignition  Flywheel magneto	
Piston ring sets (2 per set) standard .030" oversize  Part Number 384699 Diameter of ring  Width of ring  Upper09000895 in. Lower06150625 in.  Lbs. compression  Part Number 384699 Starter  Fuel capacity 6 gallons Starter  Manual - Self-winding Electric - 12 volt, Key star and manual self rewinding  Starter amperage draw while cranking 120 AMP.  Ignition  Flywheel magneto	
standard Part Number 384699 .030" oversize Part Number 384718  Diameter of ring 3.1875 in. (standard Starter Manual - Self-winding Electric - 12 volt, Key star and manual self rewinding Width of ring Upper09000895 in. Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Ignition Flywheel magneto	
Diameter of ring 3.1875 in. (standard Electric - 12 volt, Key star and manual self rewinding Width of ring Upper09000895 in.  Lower06150625 in.  Lbs. compression Upper5 to 2.5 lbs.  Electric - 12 volt, Key star and manual self rewinding the starter amperage draw while cranking 120 AMP.  Ignition Flywheel magneto	
Diameter of ring  3.1875 in. (standard  Width of ring  Upper09000895 in.  Lower06150625 in.  Lbs. compression  Upper5 to 2.5 lbs.  Ignition  and manual self rewinding  Starter amperage draw  while cranking 120 AMP.	
Lower06150625 in. while cranking 120 AMP.  Lbs. compression Upper5 to 2.5 lbs. Ignition Flywheel magneto	
Lbs. compression Upper5 to 2.5 lbs. Ignition Flywheel magneto	
when compressed Spark plug AC-M42K, Champion J4J, 1 Piston less rings	mm
standard Part Number 384692 Spark plug gap .030 inch .030" oversize Part Number 384715	
Crankshaft size Spark plug torque 17-1/2 - 20-1/2 foot-pounds	
Top journal 1.2500 - 1.2495 Center journal 1.0009995 Breaker point Gap .020 inch	
Bottom journal 1.0009995 Condenser Part Number 580422	
Connecting rod 1.1828 - 1.1823 in. Capacity .25 - 29 Mfd.	
crank pin Carburetion Single barrel, float feed, fixed  Part No. 580416 Coil Test Specifications	
high speed, adjustable low- speed, manual or electric choke	
High speed orifice Part Number 317183 Switch Index Reading	
plug Identification Number 67C A 2.0 - 2.5 Check small hole end with	
23/64" drill New Stevens Tester Model No. M.A75	
Float level setting Flush with rim of casting Switch Index Adjustment	
Inlet needle seat .065062 A 22 Use #52 drill as gage	
Cooling system Vari-Volume (combination posi-	
tive displacement and centrif- Operation Primary Secon	
ugal pump) Operating Resistance Continuation Amperage Min. Max. Min.	
Propeller gear 12:21 1.4 .4555 35 -	
Propeller drive Part Number 304575, 1/4" x Graham Tester Model 51	
pin 1-15/32" stainless steel	
Propeller supplied 3 blade, 10-1/2" dia. x 13" pitch Secondary Primary Index Coil Test Index	
with motor 5500 1.2 75 33 70	

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