SPECIFICATIONS

	25 MODEL	35 MODEL
Models		
Standard length (15") Manual start	J25RCI, E25RCI	J35RCI, E35RCI
Standard length, Electric start (remote)	J25ECI, E25ECI	J35ECI, E35ECI
Long shaft (20") Manual start	J25RLCI, E25RLCI	J35RLCI, E35RLCI
Long shaft, Electric start (remote)	J25ELCI, E25ELCI	J35ELCI, E35ELCI
Standard length, Electric Start at engine w/Manual starter and tiller	J25TECI E25TECI	
Long shaft, Electric start at engine w/Manual starter and tiller	J25TELCI E25TELCI	
POWERHEAD		
*Horsepower (BIA certified)	25 hp (17.7 kW) @ 5000 rpm	35 hp (24.7 kW) @ 5500 rpm
Full throttle operating range	4500 - 5500 rpm	5200 - 5800 rpm
Tank test	Wheel Number 388880, 5200 rpm	Wheel Number 386891, 5300 rpm
Engine type	2 cyl., 2 cycle, alternate firing	2 cyl., 2 cycle, alternate firing
Bore and stroke	3.000" bore x 2.250" (76.20 x 57.15 mm)	3.000" bore x 2.250" (76.20 x 57.15 mm)
Piston displacement	31.8 cubic inches (521 cm^3)	31.8 cubic inches (521 cm^3)
Piston and rings available standard and 0.030" oversize		
Thickness of ring	Upper - 0.0900 - 0.0895 in. (2.286 - 2.273 mm) Lower - 0.0625 - 0.0615 in. (1.588 - 1.562 mm)	Upper - 0.0900 - 0.0895 in. (2.286 - 2.273 mm) Lower - 0.0625 - 0.0615 in. (1.588 - 1.562 mm)
Crankshaft size		
Top journal	1.2510 - 1.2515 in. (31.775 - 31.788 mm)	1.2510 - 1.2515 in. (31.775 - 31.788 mm)
Center journal	1.1805 - 1.1810 in. (29.985 - 29.997 mm)	1.1805 - 1.1810 in. (29.985 - 29.997 mm)
Bottom journal	0.9842 - 0.9846 in. (24.999 - 25.009 mm)	0.9842 - 0.9846 in. (24.999 - 25.009 mm)
Connecting rod crank pin	1.1828 - 1.1823 in. (30.043 - 30.030 mm)	1.1828 - 1.1823 in. (30.043 - 30.030 mm)
FUEL SYSTEM		
Carburetion	Single barrel, float feed, fixed high speed, adjustable low-speed (under motor cover), manual choke	Single barrel, float feed, fixed high speed, adjustable low-speed (under motor cover), manual choke
+High speed orifice plug	Part Number 319831 Identification Number 59-D	Part Number 319831 Identification Number 59-D
Float level setting	Between steps on gage number 324891	Between steps on gage number 324891
Float drop setting	1-1/8" to 1-1/2" from carb body casting	1-1/8" to 1-1/2" from carb body casting
Initial low speed needle setting	Use number 53 drill as gage	Use number 53 drill as gage
Idle speed	3/4 turn open	1-1/4 turn open
Maximum neutral rpm	2000 - 3500 rpm	2000 - 3500 rpm
Fuel capacity	6 gallons (22.7 litres)	6 gallons (22.7 litres
LOWER UNIT		
Cooling system	Combination positive displacement and centrifugal pump Pressure relief and thermostatically controlled	Combination positive displacement and centrifugal pump Pressure relief and thermostatically controlled
Propeller gear ratio	12:21	14:27
Propeller supplied with motor	3 blade, 9-1/4" dia. x 11" pitch	3 blade 10" dia. x 13" pitch
Propeller option	3 blade 9-1/4" dia. x 9" pitch SST 3 blade 9" dia. x 9" pitch 3 blade 9" dia. x 10" pitch 3 blade 9-1/4" dia. x 7" pitch 3 blade 9-1/4" dia. x 12" pitch alum. 3 blade 9-1/4" dia. x 12" pitch SST	3 blade 11-1/4" dia. x 7" pitch alum. 3 blade 11" dia. x 9" pitch alum. 3 blade 10-1/2" dia. x 11" pitch alum. 3 blade 10-1/4" dia. x 13" pitch SST 3 blade 10-1/2" dia. x 11" pitch SST 3 blade 11" dia. x 9" pitch SST
MISCELLANEOUS		
Speed control	On steering handle (Manual start) Remote control available (Electric start)	On steering handle (Manual start) Remote control available (Electric start)
Gear shift control	Forward, neutral and reverse	Forward, neutral and reverse
Weight (without fuel tank)		
Standard length, Manual	104 lbs. (47.2 kg)	114 lbs. (51.7 kg)
Standard length, Electric	113 lbs. (51.4 kg)	117 lbs. (53.1 kg)
Long shaft, Manual	107 lbs. (48.6 kg)	118 lbs. (53.5 kg)
Long shaft, Electric	116 lbs. (52.7 kg)	121 lbs. (54.9 kg)
Fuel tank weight (empty)	11 lbs. (5 kg)	11 lbs. (5 kg)
ELECTRICAL SYSTEM		
Charging system (Electric start models only)	5 amp flywheel alternator	5 amp flywheel alternator
Starter	Manual - Self-winding	Manual - Self winding
Starter amperage draw while cranking	Electric - 12 volt - 100 amps Max.	Electric - 12 volt - 100 amps Max.

*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.

+Orifice part numbers and size are subject to change due to atmospheric conditions, manufacturing changes, and other conditions beyond our control. Check with current part catalogs or Service Bulletins before making any jet changes.