

SPECIFICATIONS

50 HP

55 HP

60 HP

POWERHEAD

	J50ECS	J55RCS	J60ECS
Model Numbers - Standard length	J50ECS	J55RCS	J60ECS
- Long shaft	J50ELCS	J55RLCS	J60ELCS
Engine type	2 cycle, 2 cylinders in line	2 cycle, 2 cylinders in line	2 cycle, 2 cylinders in line
Bore and stroke	3.1875" x 2.820" (80,96 mm x 71,63 mm)	3.1875" x 2.820" (80,96 mm x 71,63 mm)	3.1875" x 2.820" (80,96 mm x 71,63 mm)
Piston displacement	45 in. ³ (737 cm ³)	45 in. ³ (737 cm ³)	45 in. ³ (737 cm ³)
*Horsepower (BIA - certified)	50 hp (35.4 kW) at 5000 rpm	55 hp (38.9 kW) at 5500 rpm	60 hp (42.4 kW) at 5500 rpm
Full throttle operating range	4500 to 5500 rpm	5000 to 6000 rpm	5000 to 6000 rpm
Test wheel Part No.	387635	382861	387635
Test wheel rpm	4900 rpm	5200 rpm	5600 rpm
Idle speed - neutral	1000 - 1100 rpm	1000 - 1100 rpm	1000 - 1100 rpm
- in gear	700 - 750 rpm	700 - 750 rpm	700 - 750 rpm
Crankshaft size			
Top journal	1.4979" - 1.4974" (38,047 - 38,034 mm)	1.4979" - 1.4974" (38,047 - 38,034 mm)	1.4979" - 1.4974" (38,047 - 38,034 mm)
Center journals	1.3752" - 1.3748" (34,930 - 34,920 mm)	1.3752" - 1.3748" (34,930 - 34,920 mm)	1.3752" - 1.3748" (34,930 - 34,920 mm)
Bottom journal	1.1815" - 1.1810" (30,110 - 29,997 mm)	1.1815" - 1.1810" (30,010 - 29,997 mm)	1.1815" - 1.1810" (30,010 - 29,997 mm)
Connecting rod crank pin	1.1828" - 1.1823" (30,043 - 30,030 mm)	1.1828" - 1.1823" (30,043 - 30,030 mm)	1.1828" - 1.1823" (30,043 - 30,030 mm)
Piston ring sets			
(2 per set) standard	Part no. 391170	Part no. 391170	Part no. 391170
0.030" oversize	Part no. 391416	Part no. 391416	Part no. 391416
Width of ring			
Upper	0.0900" - 0.0895" (2.286 - 2.273 mm)	0.0900" - 0.0895" (2.286 - 2.273 mm)	0.0900" - 0.0895" (2.286 - 2.273 mm)
Lower	0.0625" - 0.0615" (1.588 - 1.562 mm)	0.0625" - 0.0615" (1.588 - 1.562 mm)	0.0625" - 0.0615" (1.588 - 1.562 mm)
Piston without rings			
Standard	Part no. 389661	Part no. 390457	Part no. 390457
0.030" oversize	Part no. 389664	Part no. 391417	Part no. 391417

FUEL SYSTEM

	2 carburetor-fixed high, speed and idle jets - manual and remote control choke	2 carburetor-fixed high, intermediate speed and idle jets - manual primer	2 carburetor-fixed high, intermediate speed and idle jets - manual and remote control choke
High speed orifice plug	Part no. 321108 Hole size 0.052" (1.32 mm)	Part no. 320921 Hole size 0.055" (1.40 mm)	Part no. 320921 Hole size 0.055" (1.40 mm)
Intermediate speed orifice plug		Part no. 318832 Hole size 0.035" (0.89 mm)	Part no. 323703 Hole size 0.036" (0.91 mm)
Idle orifice plug	Part no. 324025 Hole size 0.034" (0.86 mm)	Part no. 323151 Hole size 0.045" (1.14 mm)	Part no. 326500 Hole size 0.048" (1.22 mm)
Inlet needle seat	0.065" - 0.062" (1.65 - 1.57 mm) Use a #52 drill as gage	0.065" - 0.062" (1.65 - 1.57 mm) Use a #52 drill as gage	0.065" - 0.062" (1.65 - 1.57 mm) Use a #52 drill as gage

LOWER UNIT

	Water pump - positive and centrifugal pressure and thermostatically controlled	Water pump - positive and centrifugal pressure and thermostatically controlled	Water pump - positive and centrifugal pressure and thermostatically controlled
Cooling system			
Propeller gear ratio	12:29	12:32	12:29
Propeller supplied with motor	Aluminum 3 blade 12-1/4" dia. x 15" pitch	SST 3 blade 13-3/4" dia. x 17" pitch	Aluminum 3 blade 11-3/4" dia. x 17" pitch
Alternate propellers			
3 blade aluminum	13" dia. x 11" pitch 12-1/2" dia. x 13" pitch 11-3/4" dia. x 17" pitch 11-1/2" dia. x 19" pitch	14" dia. x 9" pitch 14" dia. x 11" pitch 14" dia. x 13" pitch 13-3/4" dia. x 15" pitch 13" dia. x 19" pitch 12-3/4" dia. x 21" pitch 12-3/4" dia. x 23" pitch	13" dia. x 11" pitch 12-1/2" dia. x 13" pitch 12-1/4" dia. x 15" pitch 11-3/4" dia. x 17" pitch 11-1/2" dia. x 19" pitch
3 blade SST	12-1/2" dia. x 13" pitch 12-1/4" dia. x 15" pitch 11-3/4" dia. x 17" pitch 11-1/4" dia. x 19" pitch	13-3/4" dia. x 15" pitch 13-1/4" dia. x 17" pitch 13" dia. x 19" pitch 12-3/4" dia. x 21" pitch 12-3/4" dia. x 23" pitch	12-1/2" dia. x 13" pitch 12-1/4" dia. x 15" pitch 11-3/4" dia. x 17" pitch 11-1/4" dia. x 19" pitch
2 blade bronze		13-3/4" dia. x 21" pitch 13-3/4" dia. x 23" pitch (cupped)	
Gearcase capacity	21.3 oz. (630 ml)	25.4 oz. (75 ml)	21.3 oz. (630 ml)

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