

SPECIFICATIONS

50 MODEL

55 MODEL

60 MODEL

POWERHEAD

Model Numbers - Standard Length	E50BECI, J50BECI	E55RLCI, J55RLCI	E60ELCI, J60ELCI
- Long shaft	E50BELCI, J50BELCI		
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. 391798	Part no. 391798	Part no. 391798
0.030" oversize	Part no. 391417	Part no. 391417	Part no. 391417

FUEL SYSTEM

Carburetion	2 carburetor-fixed high, intermediate speed and idle jet - 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 + - Upper carburetor	Part no. 320921 Hole size 0.055" (1.40 mm)	Part no. 320921 Hole size 0.055" (1.40 mm)	Part no. 320921 Hole size 0.055" (1.40 mm)
- Lower carburetor	Part no. 318684 Hole size 0.056" (1.42 mm)	Part no. 318684 Hole size 0.056" (1.42 mm)	Part no. 318684 Hole size 0.056" (1.42 mm)
Intermediate speed orifice plug+	Part no. 318832 Hole size 0.035" (0.89 mm)	Part no. 318832 Hole size 0.035" (0.89 mm)	Part no. 318832 Hole size 0.035" (0.89 mm)
Idle orifice plug+	Part no. 327684 Hole size 0.046" (0.00 mm)	Part no. 327684 Hole size 0.046" (0.00 mm)	Part no. 327684 Hole size 0.046" (0.00 mm)
Inlet needle seat	0.065" - 0.062" (1.65 - 1.57 mm)	0.065" - 0.062" (1.65 - 1.56 mm)	0.065" - 0.062" (1.65 - 1.57 mm)
LOWER UNIT	Use a # 52 drill as gage	Use a # 52 drill as gage	Use a # 52 drill as gage

Cooling system	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
Propeller gear ratio	12:29	12:32	12:29
Propeller supplied with motor	Aluminum 3 blade 12-1/4" dia. x 15" pitch	Aluminum 3 blade 13-1/4" 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
Gearcase capacity	21,3 oz. (630 ml)	25,4 oz. (75 ml)	21,3 oz. (630 ml)

*Horsepower established at seal 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.