

SPECIFICATIONS

	70 MODEL	75 MODEL-STD	75 MODEL-LONG
POWERHEAD			
Model numbers	E70ELCIH J70ELCIH E70ELCIM J70ELCIM	E75ERCIH J75ERCIH E75ERCIM J75ERCIM	E75TRLCIH J75TRLCIH E75TRLCIM J75TRLCIM
Engine type	2 cycle, 3 cylinders in line	2 cycle, 3 cylinders in line	2 cycle, 3 cylinders in line
Bore and stroke	3" bore x 2-11/32" stroke (76.20 x 59.53 mm)	3" bore x 2-11/32" stroke (76.20 x 59.53 mm)	3" bore x 2-11/32" stroke (76.20 x 59.53 mm)
Piston displacement	49.7 in. ³ (814 cm ³)	49.7 in. ³ (814 cm ³)	49.7 in. ³ (814 cm ³)
Horsepower - BIA certified*	70 hp (49.5 kW) @ 5000 rpm	75 hp (53.0 kW) @ 5500 rpm	75 hp (53.0 kW) @ 5500 rpm
Full throttle operating range	4500 - 5500 rpm	5200 - 5800 rpm	5200 - 5800 rpm
Test wheel	Part No. 386665	Part No. 386950	Part No. 386665
Tank test with test wheel	5000 rpm	5200 rpm	5200 rpm
Idle speed			
Neutral	1000 - 1100 rpm	1000 - 1100 rpm	1000 - 1100 rpm
Forward	750 rpm	750 rpm	750 rpm
Pistons with rings			
Standard	Part No. 386251	Part No. 386251	Part No. 386251
0.020" oversize	Part No. 386257	Part No. 386257	Part No. 386257
0.030" oversize (without rings)	Part No. 386258	Part No. 386258	Part No. 386258
Piston ring sets (2 per set)			
Standard	Part No. 385807	Part No. 385807	Part No. 385807
0.020" oversize	Part No. 385808	Part No. 385808	Part No. 385808
0.030" oversize	Part No. 385809	Part No. 385809	Part No. 385809
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)
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" (30.010 - 29.997 mm)	1.1815" - 1.1810" (30.010 - 29.997 mm)	1.1815" - 1.1810" (30.010 - 29.997 mm)
Crank pin size	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)
FUEL SYSTEM			
Carburetion	3 carburetors, float feed with manual lever and remote control choke	3 carburetors, float feed with manual lever and remote control choke	3 carburetors, float feed with manual lever and remote control choke
Float level setting	Between steps on gauge no. 324891	Between steps on gauge no. 324891	Between steps on gauge no. 324891
Float drop setting	1-1/8" - 1-1/2" below casting	1-1/8" - 1-1/2" below casting	1-1/8" - 1-1/2" below casting
Carburetor orifice plugs†			
Idle	Part No. 325869 Hole size 0.057" (1.45 mm)	Top & bottom carburetors Part No. 325837 Hole size 0.064" (1.63 mm) Middle carburetor Part No. 325836 Hole size 0.065" (1.65 mm)	Top & bottom carburetors Part No. 325837 Hole size 0.064" (1.63 mm) Middle carburetor Part No. 325836 Hole size 0.065" (1.65 mm)
Intermediate orifice	Part No. 318832 Hole size 0.035" (0.89 mm)	Part No. 323703 Hole size 0.036" (0.91 mm)	Part No. 323703 Hole size 0.036" (0.91 mm)
High speed	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)
Inlet needle seat	Hole size 0.065" - 0.062" (1.65 - 1.57 mm) (Use a No. 52 drill as a gauge)	Hole size 0.065" - 0.062" (1.65 - 1.57 mm) (Use a No. 52 drill as a gauge)	Hole size 0.065" - 0.062" (1.65 - 1.57 mm) (Use a No. 52 drill as a gauge)
LOWER UNIT			
Gearcase capacity	25.4 oz (751 mL)	21.3 oz (630 mL)	25.4 oz (751 mL)
Propeller gear ratio	12:29	15:28	12:29
Propeller supplied with motor	(Aluminum) 3 blade, 13-1/4" dia. x 17" pitch	3 blade, 11-3/4" dia. x 17" pitch	3 blade, 13-1/4" dia. x 17" pitch
Optional propellers			
3 blade, aluminum	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 11-1/2" 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
3 blade, stainless steel	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	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	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

*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.