

SPECIFICATIONS

	150 MODEL	175 MODEL	200 MODEL	235 MODEL
POWERHEAD				
Engine type	90° V type, 6 cylinder, 2 stroke cycle	90° V type, 6 cylinder, 2 stroke cycle	90° V type, 6 cylinder, 2 stroke cycle	90° V type, 6 cylinder, 2 stroke cycle
Model - 20" (508 mm) transom	E150TRLCIH E150TRLCIA J150TLCIH J150TLCIA	E175TRLCIH E175TRLCIM J175TLCIH J175TLCIM	E200TRLCIH E200TRLCIB J200TLCIH J200TLCIB	E235TRLCIH E235TRLCIB J235TLCIH J235TLCIB
25" (635 mm) transom	E150TRXCIH E150TRXCIA J150TXCIH J150TXCIA	E175TRXCIH E175TRXCIM J175TXCIH J175TXCIM	E200TRXCIH E200TRXCIB J200TXCIH J200TXCIB	E235TRXCIH E235TRXCIB J235TXCIH J235TXCIB
Bore and stroke	3.500" x 2.588" (88.90 x 65.74 mm)	3.500" x 2.588" (88.90 x 65.74 mm)	3.500" x 2.588" (88.90 x 65.74 mm)	3.625" x 2.588" (92.07 x 65.74 mm)
Piston displacement	149.4 cu. in. (2448 cm ³)	149.4 cu. in. (2448 cm ³)	149.4 cu. in. (2448 cm ³)	160.3 cu. in. (2627 cm ³)
*Horsepower - BIA certified @ 5000 rpm	150 HP (106 kW)	175 HP (123.7 kW)	200 HP (141.4 kW)	235 HP (166.1 kW)
Full throttle operating range	4500 - 5500 rpm	4500 - 5500 rpm	4750 - 5750 rpm	4750 - 5750 rpm
Idle speed	900 rpm in neutral, 650 rpm in gear	900 rpm in neutral, 650 rpm in gear	900 rpm in neutral, 650 rpm in gear	900 rpm in neutral, 650 rpm in gear
Test wheel part no.	389931	387388	387388	387388
Test wheel rpm	4800 rpm	4750 rpm	4800 rpm	5200 rpm
Pistons less rings	Standard, 0.020" oversize 0.030" oversize	Standard, 0.020" oversize 0.030" oversize	Standard, 0.020" oversize 0.030" oversize	Standard, 0.030" oversize
Piston ring sets (2 per set)	Standard 0.020" oversize 0.030" oversize	Standard 0.020" oversize 0.030" oversize	Standard 0.020" oversize 0.030" oversize	Standard 0.030" oversize
Width of ring - upper	0.0895" - 0.0900" (2.273 - 2.286 mm)	0.0895" - 0.0900" (2.273 - 2.286 mm)	0.0895" - 0.0900" (2.273 - 2.286 mm)	0.0895" - 0.0900" (2.273 - 2.286 mm)
lower	0.0615" - 0.0625" (1.562 - 1.588 mm)	0.0615" - 0.0625" (1.562 - 1.588 mm)	0.0615" - 0.0625" (1.562 - 1.588 mm)	0.0615" - 0.0625" (1.562 - 1.588 mm)
Crankshaft size				
Top journal	1.6204" - 1.6199" (41.158 - 41.145 mm)	1.6204" - 1.6199" (41.158 - 41.145 mm)	1.6204" - 1.6199" (41.158 - 41.145 mm)	1.6204" - 1.6199" (41.158 - 41.145 mm)
Center journals	2.1875" - 2.1870" (55.563 - 55.550 mm)	2.1875" - 2.1870" (55.563 - 55.550 mm)	2.1875" - 2.1870" (55.563 - 55.550 mm)	2.1875" - 2.1870" (55.563 - 55.550 mm)
Bottom journal	1.3784" - 1.3779" (35.011 - 34.999 mm)	1.3784" - 1.3779" (35.011 - 34.999 mm)	1.3784" - 1.3779" (35.011 - 34.999 mm)	1.3784" - 1.3779" (35.011 - 34.999 mm)
Connecting rod crank pin	1.3762" - 1.3757" (34.955 - 34.943 mm)	1.3762" - 1.3757" (34.955 - 34.943 mm)	1.3762" - 1.3757" (34.955 - 34.943 mm)	1.3762" - 1.3757" (34.955 - 34.943 mm)

FUEL SYSTEM

Carburetion	3 carburetors - Float feed with fixed high and low speed jets, Manual lever and remote control choke			
Float level setting	Between notches on gauge no. 324891	Between notches on gauge no. 324891	Between notches on gauge no. 324891	Between notches on gauge no. 324891
†Carburetor high speed orifice plug	Part no. 322221 Hole size 0.049" (1.24 mm)	Part no. 321449 Hole size 0.060" (1.52 mm)	Part no. 317607 Hole size 0.062" (1.57 mm)	Part no. 317607 Hole size 0.062" (1.57 mm)
†Carburetor intermediate orifice plug	Part no. 317474 Hole size 0.027" (0.69 mm)	Part no. 318823 Hole size 0.031" (0.79 mm)	Part no. 317473 Hole size 0.030" (0.76 mm)	Part no. 322776 Hole size 0.029" (0.74 mm)
†Idle air bleed	Part no. 320016 Hole size 0.032" (0.81 mm)	Part no. 320015 Hole size 0.033" (0.84 mm)	Part no. 318832 Hole size 0.035" (0.89 mm)	Part no. 324025 Hole size 0.034" (0.86 mm)
†Pull-over air bleed			Part no. 324005 Hole size 0.020" (0.51 mm)	Part no. 324005 Hole size 0.020" (0.51 mm)
Inlet needle seat	0.0745" - 0.0715" (1.892 - 1.816 mm) Use No. 50 drill as gage	0.0745" - 0.0715" (1.892 - 1.816 mm) Use No. 50 drill as gage	0.0745" - 0.0715" (1.892 - 1.816 mm) Use No. 50 drill as gage	0.0745" - 0.0715" (1.892 - 1.816 mm) Use No. 50 drill as gage
Fuel tank capacity	6 gallons (22.7 litres)	6 gallons (22.7 litres)	6 gallons (22.7 litres)	6 gallons (22.7 litres)

LOWER UNIT

Gearcase lubricant capacity	32 oz. (950 mL)	32 oz. (950 mL)	32 oz. (950 mL)	32 oz. (950 mL)
Propeller gear ratio	14:26	14:26	14:26	14:26
Propeller supplied with motor	3 blade 14-1/2" dia x 19" pitch	3 blade 14-1/2" dia x 19" pitch	3 blade 14-1/4" dia x 21" pitch	3 blade 14-1/4" dia x 21" pitch

†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.

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