

# SPECIFICATIONS

	150 HP (106 kW)	175 HP (123.7 kW)	200 HP (141.4 kW)	235 HP (166.1 kW)
<b>POWERHEAD</b>				
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	J150TLCS	J175TLCS	J200TLCS	J235TLCS
25" (635 mm) transom	J150TXCS	J175TXCS	J200TXCS	J235TXCS
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 <sup>3</sup> )	149.4 cu. in. (2448 cm <sup>3</sup> )	149.4 cu. in. (2448 cm <sup>3</sup> )	160.3 cu. in. (2627 cm <sup>3</sup> )
Horsepower - BIA certified	150 HP @ 5000 rpm	175 HP @ 5000 rpm	200 HP @ 5250 rpm	235 HP @ 5250 rpm
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)

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## 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. 317330 Hole size 0.059 (1.50 mm)	Part no. 320661 Hole size 0.061" (1.55 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. 320015 Hole size 0.033" (0.84 mm)	Part no. 318823 Hole size 0.031" (0.79 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. 320016 Hole size 0.032" (0.81 mm)	Part no. 317473 Hole size 0.030" (0.76 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)	0.0745" - 0.0715" (1.892 - 1.816 mm)	0.0745" - 0.0715" (1.892 - 1.816 mm)	0.0745" - 0.0715" (1.892 - 1.816 mm)
Fuel tank capacity	Use No. 50 drill as gage 6 gallons (22.7 litres)	Use No. 50 drill as gage 6 gallons (22.7 litres)	Use No. 50 drill as gage 6 gallons (22.7 litres)	Use No. 50 drill as gage 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