

SPECIFICATIONS

	85 HP	100 HP	115 HP	140 HP
POWERHEAD				
Engine type	90° V type, 4 cylinder, 2 stroke cycle	90° V type, 4 cylinder, 2 stroke cycle	90° V type, 4 cylinder, 2 stroke cycle	90° V type, 4 cylinder, 2 stroke cycle
Model number				
20" (508 mm) transom manual tilt	85ML79	100ML79	115ML79	140ML79
20" (508 mm) transom power trim and tilt	85TL79	100TL79	115TL79	140TL79
25" (635 mm) transom power trim and tilt	85TXL79	100TXL79	115TXL79	140TXL79
Bore and stroke	3.500 (88.90 mm) bore x 2.588 (65.74 mm) stroke	3.500 (88.90 mm) bore x 2.588 (65.74 mm) stroke	3.500 (88.90 mm) bore x 2.588 (65.74 mm) stroke	3.500 (88.90 mm) bore x 2.588 (65.74 mm) stroke
Piston displacement	99.6 cubic inches (1632 cm ³)	99.6 cubic inches (1632 cm ³)	99.6 cubic inches (1632 cm ³)	99.6 cubic inches (1632 cm ³)
Horsepower (BIA certified)	85 hp (60.1 kw) at 5000 rpm	100 hp (70.7 kw) at 5000 rpm	115 hp (81.3 kw) at 5000 rpm	140 hp (99.0 kw) at 5000 rpm
Full throttle operating range	4500 to 5500 rpm	4500 to 5500 rpm	4500 to 5500 rpm	4500 to 5500 rpm
Idle speed				
In neutral				
In gear				
Test wheel part no.	382861	382861	384933	386246
Test wheel rpm	4800 rpm	4800 rpm	4800 rpm	4900 rpm
Piston less rings	Standard 0.020" oversize 0.030" oversize	Standard 0.020" oversize 0.030" oversize	Standard 0.020" oversize 0.030" oversize	Standard 0.020" oversize 0.030" oversize
Piston ring set part no.				
Standard	385661	385661	385661	385661
0.020" oversize	385662	385662	385662	385662
0.030" oversize	385663	385663	385663	385663
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)
Width of ring (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" (41.159 - 41.145 mm)	1.6204" - 1.6199" (41.158 - 41.145 mm)
Center journal	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	2 carburetors - float feed with fixed high and low speed jets, manual lever and remote control choke	2 carburetors - float feed with fixed high and low speed jets, manual lever and remote control choke	2 carburetors - float feed with fixed high and low speed jets, manual lever and remote control choke	2 carburetors - float feed with fixed high and low speed jets, manual lever and remote control choke
Float level setting	Between notches on gauge 324891	Between notches on gauge 324891	Between notches on gauge 324891	Between notches on gauge 324891
Carburetor high speed orifice plug	Part number 323903 Hole size 0.048" (1.22 mm)	Part number 324906 Hole size 0.050" (1.27 mm)	Part number 317646 Hole size 0.054" (1.37 mm)	Part number 322810 Hole size 0.065" (1.65 mm)
Carburetor low speed orifice plug	Part number 323003 Hole size 0.025" (0.64 mm)	Part number 323003 Hole size 0.025" (0.64 mm)	Starboard Part Number 317474 Hole size 0.027" (0.69 mm) Port Part Number 322936, Hole size 0.028" (0.071 mm)	Part number 318073 Hole size 0.025" (0.64 mm)
Inlet needle seat	0.065" - 0.062" (1.65 - 1.57 mm) Use a number 52 drill as gage	0.065" - 0.062" (1.65 - 1.57 mm) Use a number 52 drill as gage	0.065" - 0.062" (1.65 - 1.57 mm) Use a number 52 drill as gage	0.065" - 0.062" (1.65 - 1.57 mm) Use a number 52 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)