

Specs for Lister CS "Slow Speed" 3/1, 5/1 & 10/2

Valve Adjustment: Intake .017" (0.43mm)
(When cold) Exhaust .032" (0.81mm)

Cylinder Head: 160 to 170 lb-ft (23 to 24 kg-m)

Fuel Injector: 38 to 40 lb-ft (5 to 5.5 kg-m)

Connecting Rod: 50 to 60 lb-ft (7 to 8 kg-m)

Main-Bearing: 68 to 72 lb-ft (9.5 to 10 kg-m)

Crank pin to Rod clearances: Ideal: .003" (Max .005")
(Big End)

Gap between Piston and Head: 0.060" - 0.065" (1.524mm – 1.651mm)
(Bumping Clearance)

General information

Operating Temp.: 165°F to 185°F (75°C to 85°C)

Head Bolt: 1.1 inches (28 mm)

Wrist pin dia.: 1.25 inches (31.75 mm)

Cylinder bore: 4.5 inches (114.3 mm)

Cylinder stroke: 5.5 inches (139.7 mm)

Volume: 87.4 Cu/inches (1433.43cc)

Compression Ratio: 18:1

Fuel consumption: 19 7.1 g/bhp/h (268 g/kwh)

Weight: 315kg

