

2. Specifications

2.1 Engine

	SP 92, SP 92 T	FS 94
Displacement:	21.4 cm ³	24.1 cm ³
Bore:	33.0 mm	35.0 mm
Stroke:	25.0 mm	25.0 mm
Engine power to ISO 8893:	0.75 kW (1.0 bhp) at 8,500 rpm	0.9 kW (1.2 bhp) at 8,500 rpm
Max. torque at engine speed (rated):	1 Nm / 5,000 rpm	1.3 Nm / 5,000 rpm
Cut-off speed (rated):	9,800 rpm ¹⁾	9,800 rpm ¹⁾
Idle speed (rated):	2,800 rpm	2,800 rpm
Clutch:	Centrifugal clutch without linings	Centrifugal clutch without linings
Clutch engages at (rated):	3,850 rpm	3,850 rpm
Crankcase leakage test at gauge pressure:	0.5 bar	0.5 bar
under vacuum:	0.5 bar	0.5 bar

2.2 Fuel System

Carburetor leakage test at gauge pressure:	0.8 bar	0.8 bar
Operation of tank vent at gauge pressure:	0.5 bar	0.5 bar
Fuel:	as specified in instruction manual	as specified in instruction manual

2.3 Ignition System

Air gap between ignition module and fanwheel:	0.30 (+ 0.15/- 0.20) mm	0.30 (+ 0.15/- 0.20) mm
Spark plug (resistor type):	NGK CMR 6 H BOSCH USR 4 AC	NGK CMR 6 H BOSCH USR 4 AC
Electrode gap:	0.5 mm	0.5 mm

1) The engine reaches its maximum RPM and maximum power after the break-in period (5 to 10 tank fillings) – do not make any changes to the high speed screw (H) during the break-in period.