



## S 1800 UL

**4 cylinder 4 stroke air cooled engine with opposed cylinders, hydraulic valve tapped, automatic carburetor, mechanical fuel pump, magneto single or magneto-electronic dual ignition, wet sump pressure lubrication**

Maximum Power	50 KW / 68 HP at 3200 rpm
Continous HP	48 KW / 65 HP at 3000 rpm
Displacement	1835 cm <sup>3</sup>
Bore	92 mm
Stroke	69 mm
Compression ratio	8,5 : 1
Ignition single / dual	Magneto / Sauer electronic
Spark plugs	BERU 14-7DU / BOSCH W7DC NGK BCP 6 E (V-LINE 17)
Firing Order	1-3-2-4
Firing point	25° BTDC
Carburetor	altitude compensation
Fuel min. oktane	95 RON
Mechanical fuel pump	Sauer
Starter	12 V – 0,8 KW
Generator	14 V – 200 W
Oil pressure	max. 4,5 bar, min 2 bar at 2500 rpm
Oil temperature	max 120°C, min. 50°C
Oil capacity	3 ltrs
Cylinder head temperature	max. 200°C
Propeller drive	direct, anti-clockwise
Dry weight approx.	63 Kg
Fuel consumption in cruise	8-9 ltrs
Type Certificate No.	4590 / UL

