

TECHNICAL CHARACTERISTICS FOR
GAS GENERATING FG Wilson PG1250B

BASIC DATA

415 – 380 V, 50 Hz

1250 kVA
1000 kW

Cos F. 0.8

PARAMETERS

The ratings are based on the use of natural gas having a lower calorific value of 34.71MJ/m³
Electric power station PG1250B is applied as the main power source of different type of load
There is no overlaod available

TECHNICAL DATA

Engine Model	4016-E61TRS
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Generator Model	LL8124P
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Position of Cylinders	16V
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Engine Capacity, L	61.12
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Bore/Stroke, mm	160 / 190
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Compression Ratio	12:1
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Engine Speed, rpm	1500
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BMEP	13,7
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Piston speed, mps	9,5
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Cooling Method,	Water
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Fuel consumption, Nm ³ /h	271.0
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Heat Rejected to Exhaust System, kW	665
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Heat Rediation, kW	46
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Exhaust Gas Temperature, °C	495
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Exhaust Gas Flow, m ³ min	212
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Note

These technical data are for standard conditions: temperature environing – 27°C, 152,4m – above sea level.
All engine performance data are based on the above mentioned maximum continuous ratings. Fuel consumption data are for full load

Length: mm	5700
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Width: mm	2100
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Height: mm	2750
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Wet: kg	13000
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Wet is indicated with oil and antifreeze