

DATASHEET

RID 250 S-SERIES DIESEL GENERATOR 250 KVA



symbolic image



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symbolic image



Power rating

Output power	
Power	250 kVA 200 kW
Current	360,8 A 288,6 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713371	
Order number closed	713372	
Alternator model	Linz PRO28S D/4	LeroySomer TAL 046 D
Engine type	DEUTZ - TCD2013L06 4V	
Generator type	synchronous	
Control panel	RID 3000-A	
CE certified in accordance with Machinery Directive 2006/42/EC		

Dimensions and weights Generator

	Length (L)	Width (W)	Height (H)	Weight	Tank
Open	2500 mm	1050 mm	1830 mm	2120 kg	500 l
Closed	3350 mm	1430 mm	2114 mm	2700 kg	750 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	86 dB(A)	85 dB(A)	84 dB(A)	83 dB(A)
Closed	78 dB(A)	72 dB(A)	70 dB(A)	68 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	15,8 l/h	31,1 l/h	43,4 l/h	54,4 l/h

Engine technical data

Engine output	227 kW
Engine type	DEUTZ - TCD2013L06 4V
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	7,1 l
Engine w/o cooling system	764 kg

Alternator data

Alternator model	Linz PRO28S D/4	LeroySomer TAL 046 D
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	2190 m ³ /h	1728 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	530 °C
Exhaust gas flow	2547 m³/h
Max. exhaust back pressure	50 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	24 l
Max. oil temperature	130 °C

Engine cooling

Cooling system	water + air
Cooling system capacity	27 l
Fan power consumption	11,6 kW
Cooling air flow	16200 m³/h

Controller RID 3000-A



Functions

Current	Battery voltage	Operating hours counter
Frequency	Power (kVA-kW)	Rotational-speed range
Voltage	Power factor Cosφ.	Fuel level (%)

Commands and other

- Four operating modes: OFF – Manual Start – Automatic Start – Automatic Test
- Push button to force the mains contactor or the generator contactor
- Push buttons: Start/Stop, Error Reset, Up/Down/Side Selection/Enter
- Remote start possible
- Audible alarm
- Protective functions with shutdown
- Engine protection: low fuel level, low oil pressure, high engine temperature
- Generator protection: undervoltage/overvoltage, overload, battery undervoltage/overvoltage, battery charger failure
- Protocols: GSM, Ethernet, Modbus, Canbus