

DATASHEET

RID 150 B-SERIES DIESEL GENERATOR 150 KVA



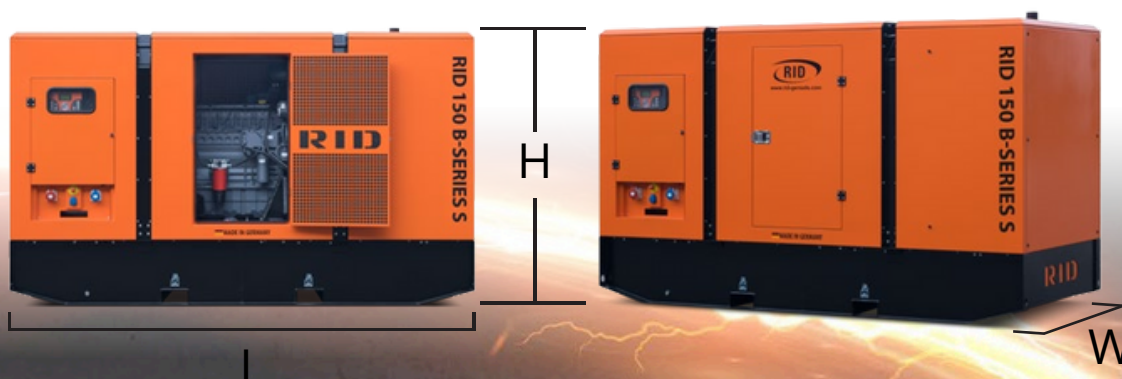
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RID 150 B-SERIES S DIESEL GENERATOR 150 KVA



symbolic image



Power rating

Output power	
Power	150 kVA 120 kW
Current	216,5 A 173,2 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713744	
Order number closed	713745	
Alternator model	Linz PRO22M F/4	LeroySomer TAL 044 J
Engine type	Hyundai – DP086TA	
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	2355 mm	1100 mm	1685 mm	1650 kg	350 l
Closed	3350 mm	1430 mm	2114 mm	2190kg	750 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	86 dB(A)	85 dB(A)	83 dB(A)	82 dB(A)
Closed	73 dB(A)	71 dB(A)	69 dB(A)	66 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	9,2 l/h	17,4 l/h	25,5 l/h	33,7 l/h

Engine technical data

Engine output	137 kW
Engine type	Hyundai - DP086TA
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	8,07 l
Engine w/o cooling system	790 kg

Alternator data

Alternator model	Linz PRO22M F/4	LeroySomer TAL 044 J
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	1206 m ³ /h	1044 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	537 °C
Exhaust gas flow	1770 m³/h
Max. exhaust back pressure	59 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	15,5 l
Max. oil temperature	103 °C

Engine cooling

Cooling system	water + air
Cooling system capacity	14 l
Fan power consumption	5 kW
Cooling air flow	–

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