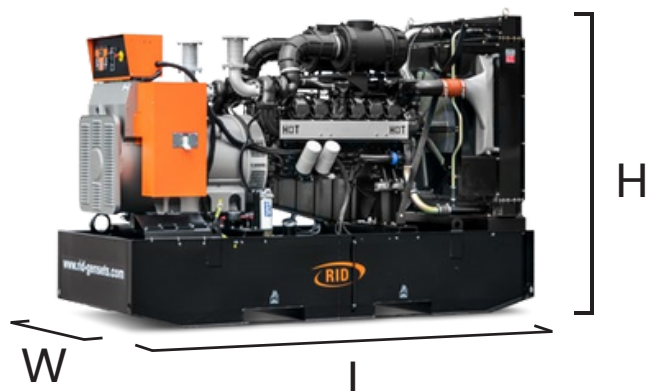


DATASHEET

RID 750 B-SERIES DIESEL GENERATOR 750 KVA



symbolic image



RID 750 B-SERIES S DIESEL GENERATOR 750 KVA



symbolic image



Power rating

Output power	
Power	750 kVA 600 kW
Current	1082,5 A 866,0 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713742	
Order number closed	713743	
Alternator model	Linz PRO35L H/4	LeroySomer TAL 049 C
Engine type	Hyundai DP222LC	
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	4200 mm	1800 mm	2100 mm	7400 kg	1000 l
Closed	5300 mm	2450 mm	2700 mm	10100 kg	1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	89 dB(A)	87 dB(A)	85 dB(A)	83 dB(A)
Closed	80 dB(A)	77 dB(A)	74 dB(A)	73 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	42,1 l/h	79,3 l/h	119,1 l/h	161,0 l/h

Engine technical data

Engine output	657 kW
Engine type	Hyudnai DP222LC
Engine size	12-Cylinder, V
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	21,93 l
Engine w/o cooling system	1420 kg

Alternator data

Alternator model	Linz PRO35L H/4	LeroySomer TAL 049 C
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	3270 m ³ /h	3600 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	478 °C
Exhaust gas flow	6000 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	40 l
Max. oil temperature	120 °C

Engine cooling

Cooling system	water + air
Cooling system capacity	114 l
Fan power consumption	24 kW
Cooling air flow	51600 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