

DATASHEET



RID 10 E-SERIES S RENTAL DIESEL GENERATOR 10 KVA

symbolic image



Power rating

| Output power | |
|--------------|-------------------|
| Power | 10 kVA 8 kW |
| Current | 14,4 A 11,5 A |
| Voltage | 230 / 400 V |
| Frequency | 50 Hz |
| Power factor | 0,8 cos φ |

Product overview

| | | |
|--|-------------------|----------------------|
| Order number | 712238 | |
| Alternator model | Linz EIX13S C/4 | LeroySomer TAL 040 B |
| Engine type | MITSUBISHI - S3L2 | |
| 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 |
|------------|------------|-----------|------------|--------|-------|
| Dimensions | 2020 mm | 980 mm | 1635 mm | 655 kg | 170 l |

Noise level

| | 1 Meter | 4 Meter | 7 Meter | 10 Meter |
|-------------|----------|----------|----------|----------|
| Noise level | 65 dB(A) | 62 dB(A) | 59 dB(A) | 57 dB(A) |

Fuel consumption

| | 25% load | 50% load | 75% load | 100% load |
|-------------|----------|----------|----------|-----------|
| Consumption | 1,3 l/h | 1,9 l/h | 2,4 l/h | 3,1 l/h |

Engine technical data

| | |
|---------------------------|---------------------|
| Engine output | 9,9 kW |
| Engine type | MITSUBISHI - S3L2 |
| Engine size | 3-Cylinder, in-line |
| Rotational-speed range | 1500 u/min |
| Speed regulation | mechanical |
| Displacement | 1,3 l |
| Engine w/o cooling system | 150 kg |

Alternator data

| | | |
|---------------------|-----------------------|-----------------------|
| Alternator model | Linz EIX13S C/4 | LeroySomer TAL 040 B |
| Insulation Class | H | |
| Regulation type | AVR | |
| Execution | brushless | |
| Protection class | IP 23 | |
| Airflow Requirement | 192 m ³ /h | 216 m ³ /h |

Intake and exhaust system

| | |
|------------------------------|-----------------------|
| Silencer type | industrial |
| Max. exhaust gas temperature | - |
| Exhaust gas flow | 132 m ³ /h |
| Max. exhaust back pressure | 65,0 mbar |
| Air filter type | replaceable element |

Engine lubrication

| | |
|----------------------|---------------------|
| Oil type | RID 10W30 |
| Oil filter type | replaceable element |
| Total oil volume | 4,2 l |
| Max. oil temperature | 135 °C |

Engine cooling

| | |
|-------------------------|-------------|
| Cooling system | water + air |
| Cooling system capacity | 1,8 l |
| Fan power consumption | 0,2 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 Cosp. | 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