

## GEKO 30 kVA Diesel genset model 30010 ED-S/DEDA *Super Silent*

|                                 |         |                       |              |
|---------------------------------|---------|-----------------------|--------------|
| El. capacity                    | 3 ~     | : 30 kVA = 24 kW      | Steady state |
| Power factor                    |         | : cos $\varphi$ = 0,8 |              |
| Voltage                         | 3~ / 1~ | : 400 / 230 V         |              |
| Current                         | 3 ~     | : 46 A                |              |
| Frequency                       |         | : 50 Hz               |              |
| Noise pressure (10m Distance)   |         | : 67 dB(A)            |              |
| Length                          |         | : 1900 mm             |              |
| Length without air intake cover |         | : 1600 mm             |              |
| Width                           |         | : 800 mm              |              |
| Height                          |         | : 1200 mm             |              |
| Fuel tank                       |         | : 235 Litre           |              |
| Weight                          |         | : 850 kg              |              |



### Engine

|                     |  |      |                            |
|---------------------|--|------|----------------------------|
| Producer            | : Deutz Germany  |      |                            |
| Type                | : F4M2011  |      |                            |
| Operating mode      | : 4-Stroke, 1800 <sup>1</sup> / <sub>min</sub> (max. deviation 3%) |      |                            |
| Number of cylinders | : 4  |      |                            |
| Cooling system      | : Oil  |      |                            |
| Engine power        | : 27,6 kW  |      |                            |
| Engine oil          | : 10 Litre   |      |                            |
| Start system        | : Electro start  |      |                            |
| Fuel consumption    | : 50%  | Load | 4,1 l / h      245 g / kWh |
|                     | : 75%  | Load | 5,5 l / h      219 g / kWh |
|                     | : 100%   | Load | 7,3 l / h      216 g / kWh |
| Governor            | : mechanical   |      |                            |

### Generator

|                |   |
|----------------|---|
| Type           | : Synchronous   |
| Cooling System | : Air   |
| Safety class   | : IP 23 (open - Isolation class H with tropical impregnation) |

### **Control panel and connections**

- 1 x Main Automatic circuit breaker
- 1 x siren (piezzo)
- 1 x Emergency stop button
- 3 x Amper meter
- 1 x Voltmeter with selector: L1, L2, L3 and N
- 1 x Frequency meter
- 1 x Fuel level display
- 1 x Operating time counter
- 1 x Digital Control unit with engine monitoring
- 1 x Socket 1~ 230V 16A (Schuko)
- 1 x Socket 3~ 400V 16A (CEE)
- 1 x Socket 3~ 400V 63A (CEE)
- 1 x Connector to automatic supply

### **Fuel system**

|                        |  |
|------------------------|--|
| Fuel                   | : Diesel   |
| Launch characteristics | : Guaranteed start by -30°C, with use of suitable oil, winter Diesel and our pre-heating equipment |
| Ambient temperature    | : From -30°C up to +55°C   |

### **Automatic functions**

Automatic stop in case of:

- cooling oil hi temp
- oil pressure low
- motor overspeed

Alarm in case of:

- Defect in generator
- Fuel filter filled with water (filter- separator "Separ")



