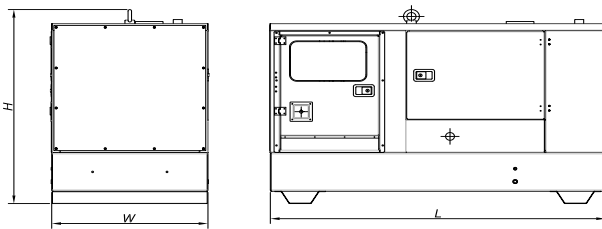


45 KVA STANDBY SILENCED SET PERKINS



TECHNICAL INFORMATION

| | |
|---------------------|---------|
| Voltage (V): | 400/230 |
| Frequency (Hz): | 50 |
| PRP Power (kVA) | 40 |
| Standby Power (kVA) | 45 |
| PRP Power (kW) | 32 |
| Standby Power (kW) | 36 |

Weight and Dimensions (mm)

| | |
|------------------------|------|
| Length (L) | 2250 |
| Width (W) | 1050 |
| Height (H) | 1505 |
| Weight (kg) | 1260 |
| Fuel tank capacity (l) | 124 |

Noise Level

| | |
|-----------------------------------|----|
| Acoustic Pressure [LpA] (dBA @7m) | 67 |
| Acoustic Power [LwA] (Dba) | 93 |

Consumption

| | PRP Power | |
|------|-----------|---------------|
| | L/h | Range (hours) |
| 25% | 3.4 | 45 |
| 50% | 5.7 | 21.8 |
| 75% | 8.2 | 15.1 |
| 100% | 10.7 | 11.6 |

| | Standby Power | |
|------|---------------|---------------|
| | L/h | Range (hours) |
| 25% | 3.8 | 32.6 |
| 50% | 6.2 | 20 |
| 75% | 9 | 13.8 |
| 100% | 12 | 10.3 |

ENGINE

| | |
|----------------------------|-------------|
| Brand | PERKINS |
| Model | 1103A-33TG1 |
| No. of cylinders | 3 |
| Engine Capacity (c.c) | 3300 |
| Bore (mm) | 105 |
| Stroke (mm) | 127 |
| Compression ratio | 19.3:1 |
| Water cooled | YES |
| Speed (R.P.M) | 1500 |
| Mechanical Net Power (kWm) | 45.6 |
| Fuel tank capacity (l) | 124 |

Cooling System

| | |
|-------------------------------|----|
| Flow of air from fan (m3/min) | 53 |
|-------------------------------|----|

Lubrication System

| | |
|--|------|
| Oil sump capacity (l) | 8.3 |
| Maximum oil consumption (% fuel consumption) | 0.15 |

Air intake system

| | |
|-----------------------------|-----|
| Aspirated air flow (m3/min) | 3.1 |
|-----------------------------|-----|

Electrical System

| | |
|---------------------|-----------------|
| Number of batteries | 1 |
| Battery | 12V 60 Ah. 680A |

Exhaust System

| | |
|----------------------------------|-----|
| Input diameter (") | 2.5 |
| Output diameter (") | 2.5 |
| T ^a gas emission (°C) | 537 |
| Gas flow (m3/min) | 7.7 |

ALTERNATOR

| | |
|-----------------------|-------------|
| Model | LSA 42.3 S5 |
| Electronic Regulation | YES |
| AVR | R 220 |
| Power (kVA) | 45 |

ELECTRIC PANEL

| | |
|--------------------|---------------------|
| Protection Devices | YES |
| ATS (optional) | 4P 125A (230V) - CC |
| Control Card | DEEP SEA 7320 |