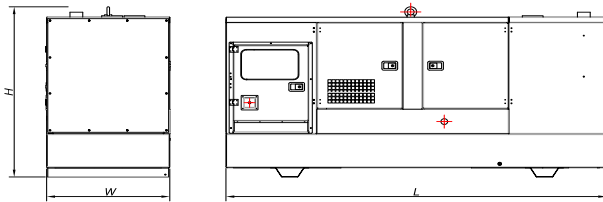


# 150 KVA STANDBY SILENCED SET PERKINS



## TECHNICAL INFORMATION

|                     |         |
|---------------------|---------|
| Voltage (V):        | 400/230 |
| Frequency (Hz):     | 50      |
| PRP Power (kVA)     | 135     |
| Standby Power (kVA) | 150     |
| PRP Power (kW)      | 108     |
| Standby Power (kW)  | 120     |

## Weight and Dimensions (mm)

|                        |      |
|------------------------|------|
| Length (L)             | 3400 |
| Width (W)              | 1100 |
| Height (H)             | 1755 |
| Weight (kg)            | 2195 |
| Fuel tank capacity (l) | 244  |

## Noise Level

|                                   |    |
|-----------------------------------|----|
| Acoustic Pressure [LpA] (dBA @7m) | 70 |
| Acoustic Power [LwA] (Dba)        | 97 |

## Consumption

|      | PRP Power |               |
|------|-----------|---------------|
|      | L/h       | Range (hours) |
| 25%  | 0         | 0             |
| 50%  | 16.5      | 14.8          |
| 75%  | 24.1      | 10.1          |
| 100% | 31.5      | 7.7           |

|      | Standby Power |               |
|------|---------------|---------------|
|      | L/h           | Range (hours) |
| 25%  | 0             | 0             |
| 50%  | 0             | 0             |
| 75%  | 25.9          | 9.4           |
| 100% | 34.6          | 7.1           |

## ENGINE

|                            |          |
|----------------------------|----------|
| Brand                      | PERKINS  |
| Model                      | 1006 TAG |
| No. of cylinders           | 6        |
| Engine Capacity (c.c)      | 5990     |
| Bore (mm)                  | 100      |
| Stroke (mm)                | 127      |
| Compression ratio          | 17:1     |
| Water cooled               | YES      |
| Speed (R.P.M)              | 1500     |
| Mechanical Net Power (kWm) | 133.5    |
| Fuel tank capacity (l)     | 244      |

## Cooling System

|                               |     |
|-------------------------------|-----|
| Flow of air from fan (m3/min) | 154 |
| Water Jacket Heater           | YES |

## Lubrication System

|                                              |     |
|----------------------------------------------|-----|
| Oil sump capacity (l)                        | 19  |
| Maximum oil consumption (% fuel consumption) | 0.2 |

## Air intake system

|                             |      |
|-----------------------------|------|
| Aspirated air flow (m3/min) | 8.78 |
|-----------------------------|------|

## Electrical System

|                     |               |
|---------------------|---------------|
| Number of batteries | 1             |
| Battery             | 12V 44Ah-730A |

## Exhaust System

|                                  |       |
|----------------------------------|-------|
| Input diameter (")               | 3     |
| Output diameter (")              | 4.5   |
| Body diameter (mm)               | 378   |
| Exhaust length (mm)              | 810   |
| T <sup>a</sup> gas emission (°C) | 585   |
| Gas flow (m3/min)                | 25.71 |

## ALTERNATOR

|                       |              |
|-----------------------|--------------|
| Model                 | LSA 44.2 S75 |
| Electronic Regulation | YES          |
| AVR                   | R 250        |
| Power (kVA)           | 150          |

## ELECTRIC PANEL

|                    |               |
|--------------------|---------------|
| Protection Devices | YES           |
| Control Card       | DEEP SEA 7320 |