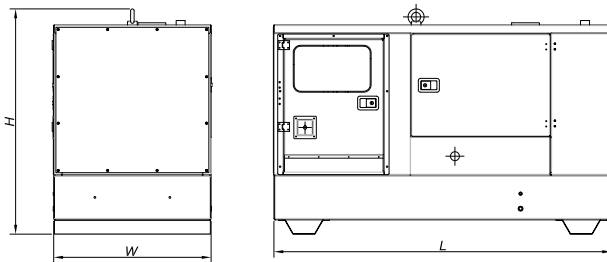


# 45 KVA MINING SERIES PERKINS



### TECHNICAL INFORMATION

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

### Weight and Dimensions (mm)

Length (L)	2330
Width (W)	1100
Height (H)	1677
Weight (kg)	1338
Fuel tank capacity (l)	250

### Noise Level

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

### Consumption

	PRP Power	
	L/h	Range (hours)
25%	0	0
50%	5.7	43.9
75%	8.2	30.5
100%	10.7	23.4

	Standby Power	
	L/h	Range (hours)
25%	3.8	65.8
50%	6.2	40.3
75%	9	27.8
100%	12	20.9

### 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)	41.3

### Cooling System

Flow of air from fan (m3/min)	53
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### Lubrication System

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

### Air intake system

Aspirated air flow (m3/min)	2.9
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### Electrical System

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

### Exhaust System

Input diameter (")	2.5
Output diameter (")	2.5
T° gas emission (°C)	492
Gas flow (m3/min)	7

### ALTERNATOR

Model	LSA 42.3 M7
Electronic Regulation	YES
AVR	R 220
Power (kVA)	45

### ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7310