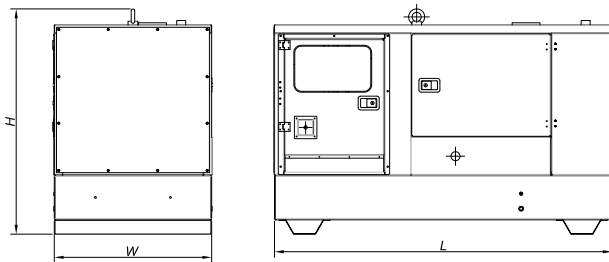


30 KVA MINING SERIES PERKINS



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	30.8125
Standby Power (kVA)	33.875
PRP Power (kW)	24.4
Standby Power (kW)	26.8

Weight and Dimensions (mm)

Length (L)	2330
Width (W)	1100
Height (H)	1677
Weight (kg)	1212
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%	3.9	64.1
75%	5.4	46.3
100%	7.1	35.3

	Standby Power	
	L/h	Range (hours)
25%	0	0
50%	0	0
75%	5.9	42.4
100%	7.9	31.7

ENGINE

Brand	PERKINS
Model	1103A-33G
No. of cylinders	3
Engine Capacity (c.c)	3300
Bore (mm)	105
Stroke (mm)	127
Compression ratio	19.2:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	27.7

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)	2.16
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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 ^a gas emission (°C)	500
Gas flow (m3/min)	5.7

ALTERNATOR

Model	LSA 42.3 VS3
Electronic Regulation	YES
AVR	R 220
Power (kVA)	32

ELECTRIC PANEL

Protection Devices	YES
Control Card	DEEP SEA 7310