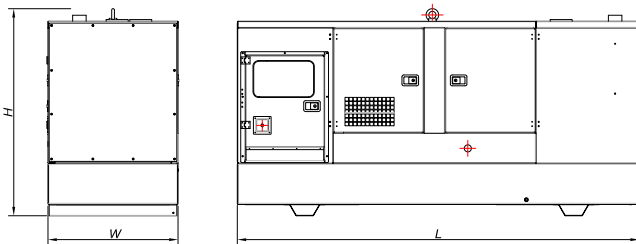


# 140 KVA MINING SERIES PERKINS



### TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	135
Standby Power (kVA)	150
PRP Power (kW)	108
Standby Power (kW)	120.0

### Weight and Dimensions (mm)

Length (L)	3580
Width (W)	1140
Height (H)	1993
Weight (kg)	2195
Fuel tank capacity (l)	635

### Noise Level

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

### Consumption

	PRP Power	
25%	0	0
50%	16.5	38.5
75%	24.1	26.3
100%	31.5	20.2

	Standby Power	
25%	0	0
50%	0	0
75%	25.9	24.5
100%	34.6	18.6

### 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)	120

### Cooling System

Flow of air from fan (m3/min)	154
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### Lubrication System

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

### Air intake system

Aspirated air flow (m3/min)	8.38
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### 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)	571
Gas flow (m3/min)	24.14

### ALTERNATOR

Model	LSA 44.2 S75
Electronic Regulation	YES
AVR	R 250
Power (kVA)	135

### ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 200A R
Control Card	DEEP SEA 7310