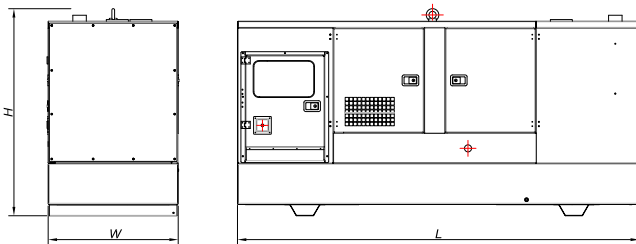


140 KVA MINING SERIES VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	128.8
Standby Power (kVA)	143.8
PRP Power (kW)	103
Standby Power (kW)	115

Weight and Dimensions (mm)

Length (L)	3400
Width (W)	1100
Height (H)	1755
Weight (kg)	2270
Fuel tank capacity (l)	244

Noise Level

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

Consumption

	PRP Power	
	25%	100%
25%	8.2	29.8
50%	14.5	16.8
75%	21.5	11.3
100%	29.2	8.4

	Standby Power	
	25%	100%
25%	8.7	28
50%	15.9	15.3
75%	23.8	10.3
100%	32.8	7.4

ENGINE

Brand	VOLVO
Model	TAD 532 GE
No. of cylinders	4
Engine Capacity (c.c)	4760
Bore (mm)	108
Stroke (mm)	130
Compression ratio	17.5:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	112

Cooling System

Flow of air from fan (m3/min)	174
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Lubrication System

Oil sump capacity (l)	13
Maximum oil consumption (% fuel consumption)	0.08

Air intake system

Aspirated air flow (m3/min)	7.5
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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 ^a gas emission (°C)	507
Gas flow (m3/min)	21.2

ALTERNATOR

Model	LSA 44.2 S75
Electronic Regulation	YES
AVR	R 438
Power (kVA)	135

ELECTRIC PANEL

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