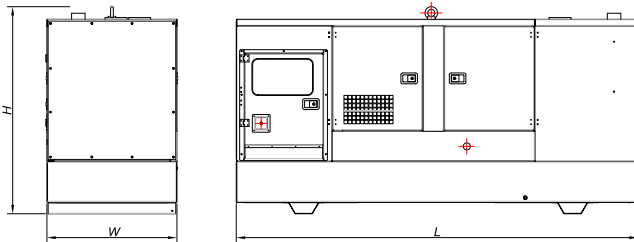


150 KVA MINING SERIES VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	150
Standby Power (kVA)	165
PRP Power (kW)	120
Standby Power (kW)	132

Weight and Dimensions (mm)

Length (L)	3580
Width (W)	1140
Height (H)	1993
Weight (kg)	2345
Fuel tank capacity (l)	635

Noise Level

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

Consumption

	PRP Power	
	L/h	Range (hours)
25%	10.64	59.7
50%	18.4	34.5
75%	26.61	23.9
100%	35.32	18.0

	Standby Power	
	L/h	Range (hours)
25%	11.11	57.16
50%	19.94	31.8
75%	29.37	21.6
100%	39.16	16.2

ENGINE

Brand	VOLVO
Model	TAD 731 GE
No. of cylinders	6
Engine Capacity (c.c)	7150
Bore (mm)	108
Stroke (mm)	130
Compression ratio	18:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	133

Cooling System

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

Oil sump capacity (l)	20
Maximum oil consumption (% fuel consumption)	0.1

Air intake system

Aspirated air flow (m3/min)	9.86
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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)	520
Gas flow (m3/min)	27.5

ALTERNATOR

Model	LSA 44.2 M95
Electronic Regulation	YES
AVR	R 438
Power (kVA)	150

ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 250A R
Control Card	DEEP SEA 7310