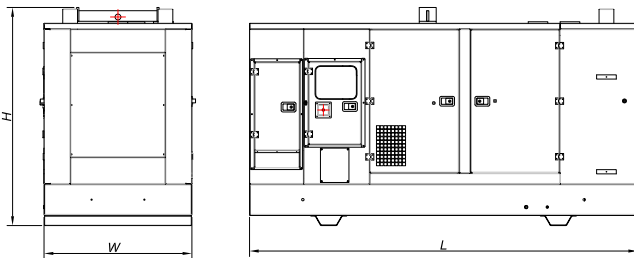


200 KVA MINING SERIES VOLVO



TECHNICAL INFORMATION

Voltage (V):	400/230
Frequency (Hz):	50
PRP Power (kVA)	200
Standby Power (kVA)	223
PRP Power (kW)	160
Standby Power (kW)	178.4

Weight and Dimensions (mm)

Length (L)	3580
Width (W)	1140
Height (H)	1993
Weight (kg)	3285
Fuel tank capacity (l)	1180

Noise Level

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

Consumption

	PRP Power	
	L/h	Range (hours)
25%	12.28	96.1
50%	23.38	50.5
75%	34.58	34.1
100%	46.56	25.4

	Standby Power	
	L/h	Range (hours)
25%	13.64	86.5
50%	25.84	45.7
75%	38.58	30.6
100%	52.4	22.6

ENGINE

Brand	VOLVO
Model	TAD 733 GE
Electronic Management	YES
No. of cylinders	6
Engine Capacity (c.c)	7150
Bore (mm)	108
Stroke (mm)	130
Compression ratio	18.1:1
Water cooled	YES
Speed (R.P.M.)	1500
Mechanical Net Power (kWm)	175

Cooling System

Flow of air from fan (m3/min)	234
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Lubrication System

Oil sump capacity (l)	34
Maximum oil consumption (% fuel consumption)	0.09

Air intake system

Aspirated air flow (m3/min)	11.5
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Electrical System

Number of batteries	2
Battery	12V 44Ah-730A

Exhaust System

Input diameter (")	4
Output diameter (")	5.5
Body diameter (mm)	453
Exhaust length (mm)	1.340
T° gas emission (°C)	510
Gas flow (m3/min)	31.8

ALTERNATOR

Model	LSA 46.2 M5
Electronic Regulation	YES
AVR	R 450
Power (kVA)	200

ELECTRIC PANEL

Protection Devices	YES
Circuit Breaker	4P 400A R
Control Card	DEEP SEA 7310