



FB160-2A

Prime rating

Meets latest India CPCBI as per G.S.R 771(E) dated 11/12/2013 and its further amendments.

Meets CPCB / MOEF norms as per G.S.R 371(T) dated 17/05/2002 and its further amendments.



Genset Technical Data

Genset Rating (kVA)	160
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	224
Controller Type	SEDEMAC GC1202
Starting System	12V / 120 AH
Genset Weight (kg)	2125
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	3910X1360X1885
Battery Type	Lead Acid
Circuit Breaker Rating (A)	250

Engine Technical Data

Engine Model	AL6DTIDG4
Engine Speed (rpm)	1500
Engine Volume (l)	5.76
Rated Power (kW)	128
No. of cylinder	6
Bore (mm)	104
Stroke (mm)	113
Compression Ratio	16.5 : 1
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	23
Governing	Electronic A0

Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 44.3 H
Alternator rating	160
Class of insulation	H
Coupling details	SAE 11.5
Voltage Variation (%)	1
Rated Full Load Current (A)	224

Fuel & Oil Systems Technical Data

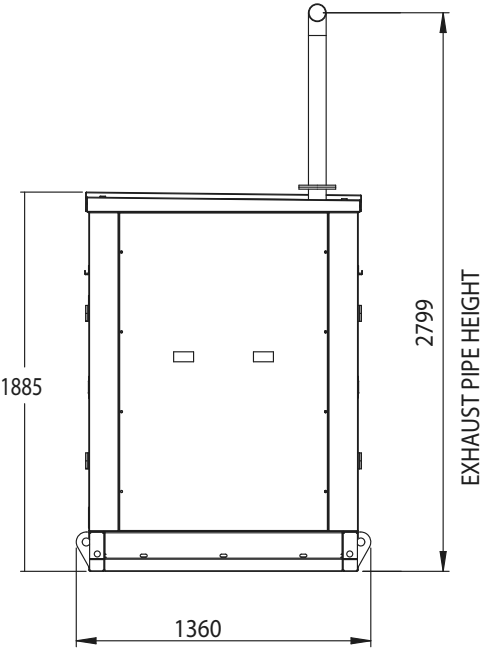
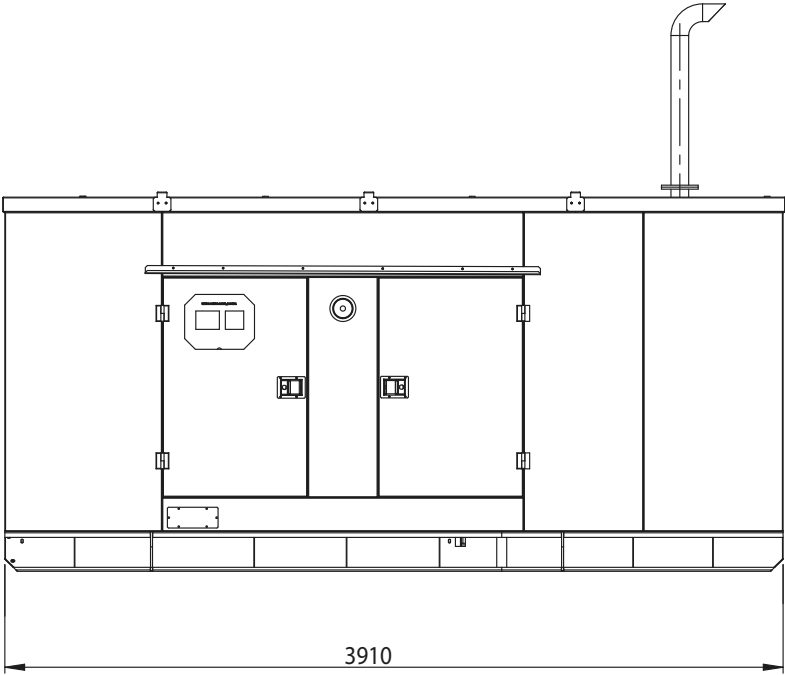
Fuel System	Rotary FIP
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	325
Fuel Consumption - @ 100% Load (l/hr)*	37
Fuel Consumption - @ 75% Load (l/hr)*	28.5
Fuel Consumption - @ 50% Load (l/hr)*	20
Fuel Consumption Tolerance	5%
Lube Oil change period (hrs)	600 Hrs. or 1 Year
Oil Type	15W40
Oil Capacity (l)	18
Oil Consumption @100% load	< 0.1% of FC

*sp.gr of fuel - 0.835kg/litre

Standard operating conditions as per ISO3046 / ISO8528

Prime Rating as per ISO8528

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In line with our policy of continuous product development, we reserve the right to change specification without notice.