



# FB20-2A

## Prime rating

Meets latest India CPCBlI 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.



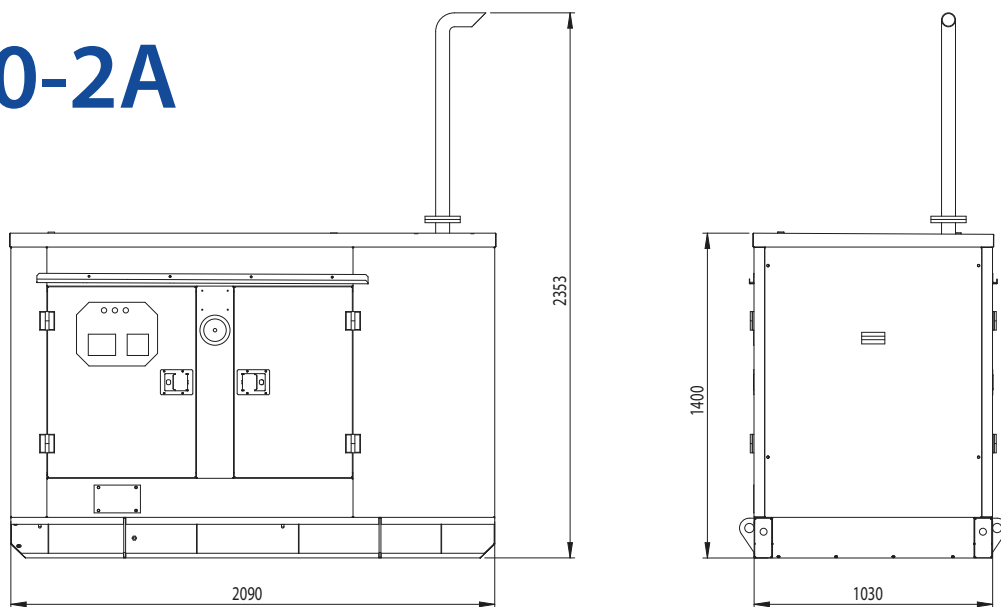
Genset Technical Data		Alternator Technical Data	
Genset Rating (kVA)	20	Alternator Make	Leroy Somer
No of Phases	3	No of Bearings	1
Power Factor	0.8	Alternator model	LSAP 40 H
Voltage (V)	415/230	Alternator rating	20
Frequency (Hz)	50	Class of insulation	H
Current (A)	28	Coupling details	SAE 10
Controller Type	SEDEMAC GC902	Voltage Variation (%)	1
Starting System	12V / 90 AH	Rated Full Load Current (A)	28
Genset Weight (kg)	980	Fuel & Oil Systems Technical Data	
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)	Fuel System	Inline FIP
Genset Dimensions (LxWxH) (mm)	2090X1030X1400	Type Of Fuel	Diesel
Battery Type	Lead Acid	Genset Fuel Tank Capacity (l)	85
Circuit Breaker Rating (A)	32	Fuel Consumption - @ 100% Load (l/hr)*	6.1
Engine Technical Data		Fuel Consumption - @ 75% Load (l/hr)*	4.5
Engine Model	AL2CTIDG2	Fuel Consumption - @ 50% Load (l/hr)*	3.2
Engine Speed (rpm)	1500	Fuel Consumption Tolerance	5%
Engine Volume (l)	1.92	Lube Oil change period (hrs)	600 Hrs. or 1 Year
Rated Power (kW)	16	Oil Type	15W40
No. of cylinder	2	Oil Capacity (l)	6.5
Bore (mm)	104	Oil Consumption @100% load	< 0.1% of FC
Stroke (mm)	113		
Compression Ratio	16.5 : 1		
Aspiration	TA		
Cooling System	Liquid Cooled		
Cooling System Capacity (l)	10		
Governing	Electronic A0		

\*sp.gr of fuel - 0.835kg/litre

Standard operating conditions as per ISO3046 / ISO8528

Prime Rating as per ISO8528

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