FG WILSON

FB20-2A

Prime rating

Meets latest India CPCBII as per G.S.R 771(E) dated 11/12/2013 and its further amendments.
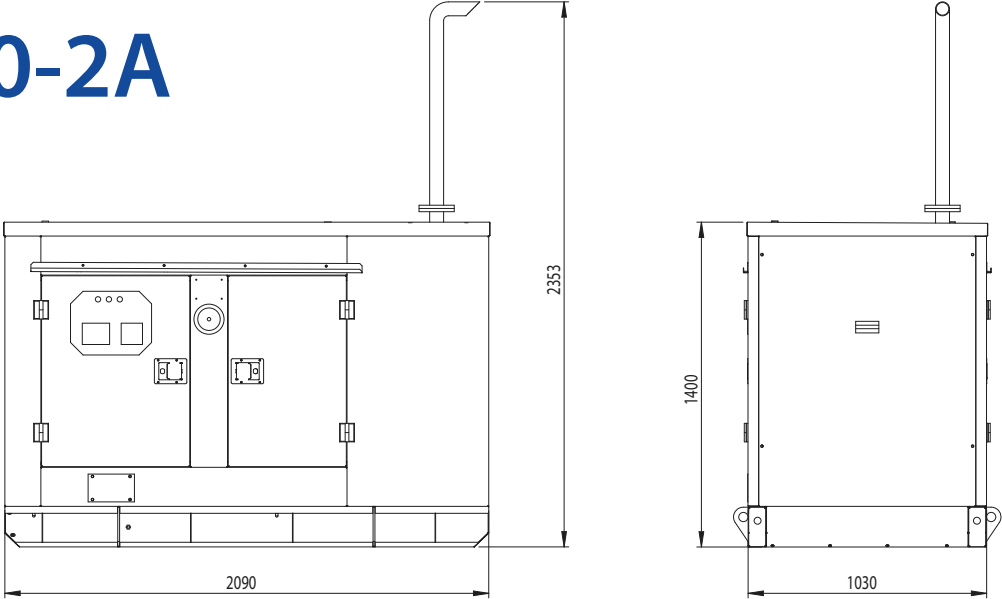
Meets CPCB / MOEF norms as per G.S.R 371(T) dated 17/05/2002 and its further amendments.

Genset Technical Data

Genset Rating (kVA)	20
No of Phases	3
Power Factor	0.8
Voltage (V)	415/230
Frequency (Hz)	50
Current (A)	28
Controller Type	SEDEMAC GC902
Starting System	12V / 90 AH
Genset Weight (kg)	980
Noise @ 75% load (dBA)	< 75 @ 1m (As per ISO 8528)
Genset Dimensions (LxWxH) (mm)	2090X1030X1400
Battery Type	Lead Acid
Circuit Breaker Rating (A)	32

Engine Technical Data

Engine Model	AL2CTIDG2
Engine Speed (rpm)	1500
Engine Volume (l)	1.92
Rated Power (kW)	16
No. of cylinder	2
Bore (mm)	104
Stroke (mm)	113
Compression Ratio	16.5 : 1
Aspiration	TA
Cooling System	Liquid Cooled
Cooling System Capacity (l)	10
Governing	Electronic A0

Alternator Technical Data

Alternator Make	Leroy Somer
No of Bearings	1
Alternator model	LSAP 40 H
Alternator rating	20
Class of insulation	H
Coupling details	SAE 10
Voltage Variation (%)	1
Rated Full Load Current (A)	28

Fuel & Oil Systems Technical Data

Fuel System	Inline FIP
Type Of Fuel	Diesel
Genset Fuel Tank Capacity (l)	85
Fuel Consumption - @ 100% Load (l/hr)*	6.1
Fuel Consumption - @ 75% Load (l/hr)*	4.5
Fuel Consumption - @ 50% Load (l/hr)*	3.2
Fuel Consumption Tolerance	5%
Lube Oil change period (hrs)	600 Hrs. or 1 Year
Oil Type	15W40
Oil Capacity (l)	6.5
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

FB20-2A

2353

1400

2090

1030