



FB10-2S

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)	10
No of Phases	1
Power Factor	0.8
Voltage (V)	230
Frequency (Hz)	50
Current (A)	13.9
Controller Type	Manual
Starting System	12V D.C.
Genset Weight (kg)	670
Noise @ 75% load (dBA)	< 75 @ 1m
Genset Dimensions (LxWxH) (mm)	1911 X 836 X 1194
Battery Type	12 Volt
Circuit Breaker Rating (A)	50A

Engine Technical Data

Engine Model	FBD2-1.2D2
Engine Speed (rpm)	1500
Engine Volume (l)	1.2
Rated Power (kW)	16.2
No. of cylinder	2
Bore (mm)	87
Stroke (mm)	100
Compression Ratio	17.5:1
Aspiration	TC-IC
Cooling System	Liquid Cooled
Cooling System Capacity (l)	5.5
Governing	Electronic / Isochronous

Alternator Technical Data

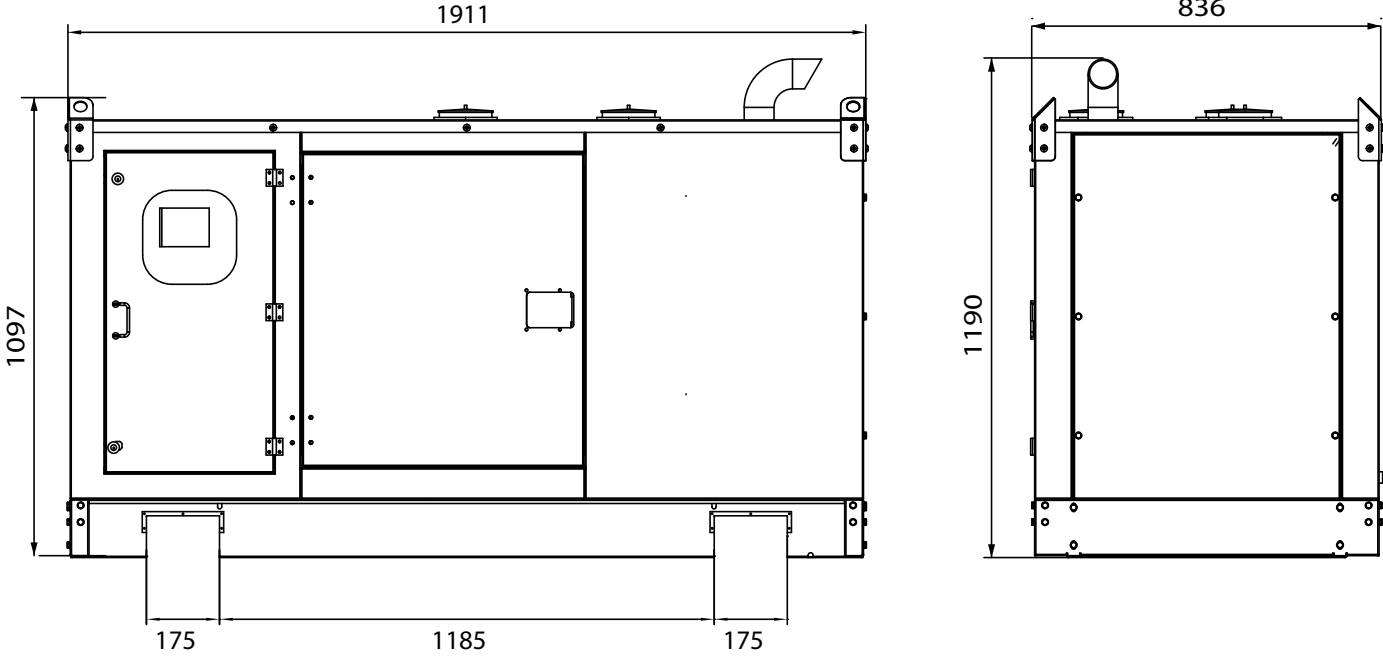
Alternator Make	Mecc-Alte
No of Bearings	Single Bearing
Alternator model	ECP 3-3L/4
Alternator rating	10
Class of insulation	H
Coupling details	SAE 3 / 11.5"
Voltage Variation (%)	+/- 1
Rated Full load current (A)	43.5

Fuel & Oil Systems Technical Data

Fuel System	CRDI
Type Of Fuel	HSD
Genset Fuel Tank Capacity (l)	75
Fuel Consumption - @ 100% Load (l/hr)*	2.89
Fuel Consumption - @ 75% Load (l/hr)	2.21
Fuel Consumption - @ 50% Load (l/hr)	1.66
Fuel Consumption Tolerance	0 to +5%
Lube Oil change period (hrs)	500
Oil Type	15W40 CH4
Oil capacity (l)	4.5
Oil Consumption @100% load (l/hr)	< 0.1% of FC

*sp.gr of fuel - 0.835kg/litre
 Standard operating conditions as per ISO3046
 Prime Rating as per ISO8528

FB10-2S



Dealer Contact Details

FG Wilson manufactures product in the following locations:
Northern Ireland • Brazil • China • India • USA
With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network.
To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com.
FG Wilson is a trading name of Caterpillar (NI) Limited.
In line with our policy of continuous product development, we reserve the right to change specification without notice.