

P165-5_50Hz

Diesel Generator



Product Name	P165-5_50Hz
Manufacturer	FG Wilson
Category	Diesel Generator

TECHNICAL SPECIFICATIONS

Electrical Specifications

Rated Voltage (V)	230-400 V
Frequency (Hz)	50 Hz
Prime Power (kVA/kW)	150 kVA / 120 kW
Standby Power (kVA/kW)	165 kVA / 132 kW
Power Factor	0.8

Generator Specifications

Engine Make/Model	Perkins 1106A-70TAG2
Number of Cylinders	6
Bore x Stroke (mm)	105 x 135 mm
Fuel Type	Diesel
Oil Capacity (L)	16.5 L
Radiator Air Flow, m ³ /min	259.2 m ³ /min
Total Coolant Capacity, L	21 L

Alternator

Make/Model	FG Wilson FGL30100
Number of Bearings	1
Over Speed, rpm	2250
Temperature Rise, °C	50° C

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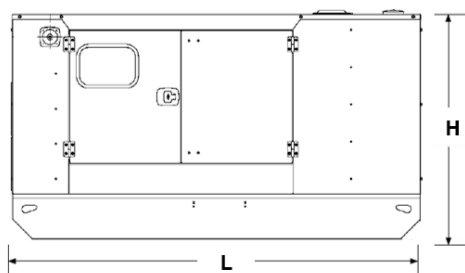
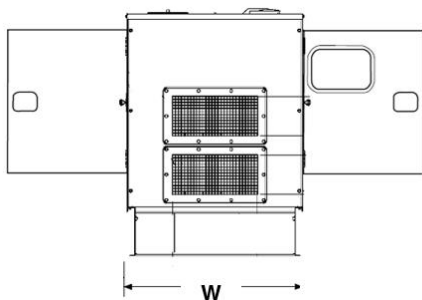
Fuel Consumption

Recommended Fuel	Class A2 Diesel
Fuel tank capacity (L)	289 L
100% load with fan, L/hr	32.4 L/hr
75% load with fan, L/hr	25 L/hr
50% load with fan, L/hr	16.7 L/hr

Modular Acoustic Enclosure

Sound Pressure Level (dBA) @ 7m	68 dBA
Enclosure Type	Canopy

WEIGHTS & DIMENSIONS



Length (L) mm	Width (W) mm	Height (H)mm
3515 mm	1126 mm	1681 mm

Dry Weight (kg)

Open Type	1413 kg
Sound Attenuated Type	1892 kg

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