

DIESEL GENERATOR SET F22D5

SPECIFICATION

| Model | Power Rating | | Voltage Available | | |
|-------|----------------|------------|-------------------|----------|----------|
| | PRIME(1) | STANDBY(2) | | | |
| F22D5 | 400V/50Hz 16KW | 18KW | 380/220v | 400/230v | 415/240v |
| | PF:0.8 20KVA | 22KVA | | | |

GENERAL INFORMATION

DIESEL GENERATOR SET

| | |
|---------------------|-------------------------|
| Model | F22D5 |
| Motor | FAW 4DW91-29D |
| Alternator | AGG alternator |
| Speed Control Type | Mechanic |
| Phase | Three |
| Fuel Tank Capacity | 70L |
| System Voltage | 24V |
| Frequency | 50HZ |
| Air Consumption | 1.7 m ³ /min |
| Exhaust Gas Flow | 4.6 m ³ /min |
| Exhaust Temperature | 450°C |



Engine

| | |
|----------------------|------------------|
| Maximum Output(kw) | 23 |
| Number of Cylinders | 4 |
| Aspiration | Natural |
| Cycle | 4 |
| Fuel Type | Diesel |
| Combustion Type | Direct Injection |
| Cooling Type | Water Cooled |
| Bore | 90mm |
| Stroke | 100mm |
| Displacement | 2.54 L |
| Compression Ratio | 17:1 |
| Lubrication Capacity | 8 liter |

| | |
|---------------------|------------------|
| Fuel consumption | 1500rpm g/kWh |
| 100% Prime Power(1) | 240 |

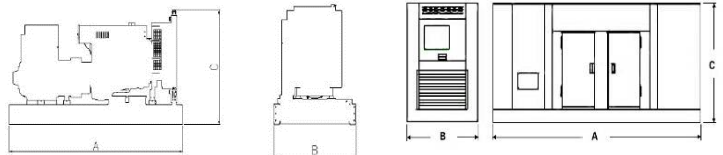
Alternator

| | |
|------------------|------------------------------------|
| Insulation | Clase"H" |
| Excitation Type | Self-excitation (PMG for optional) |
| Protection Class | IP23 |

| | |
|------------|--------|
| Dimension | Silent |
| Length (A) | 2100mm |
| Width (B) | 750mm |
| Height (C) | 1130mm |
| Net Weight | 810KG |

Certificates

| | |
|---------------|---------------------------|
| Engine | ISO 3046,BS 5514,DIN 6271 |
| Alternator | UTE NFC 51-111-105-110 |
| | ICE34-1,BS 5000-4999 |
| | NEMA MG 21,VDE 0530 |
| Generator Set | ISO 8528 |



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity

(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

Certificacion ISO 9001:2000