

SDMO D275



GENERAL SET DATA

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|-------------------------|---------------------|
| ENGINE REF: | P126TI |
| ALTERNATOR REF: | KH01380T |
| STANDARD CONTROL PANEL: | APM303 |
| OPTIONAL CONTROL PANEL: | APM403 M80/TELYS |

OUTPUT

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|----------------|---------|
| FREQUENCY: | 50 Hz |
| VOLTAGE: | 400/230 |
| PRIME POWER: | 250 kVA |
| STANDBY POWER: | 275 kVA |

DIMENSIONS

OPEN MODEL

| | |
|---------------------|---------|
| LENGTH: | 2900 mm |
| WIDTH: | 1300 mm |
| HEIGHT: | 1670 mm |
| DRY WEIGHT: | 2310 Kg |
| FUEL TANK CAPACITY: | 390 L |

CLOSED MODEL

| | |
|--------------------------|---------|
| LENGTH: | 4004 mm |
| WIDTH: | 1380 mm |
| HEIGHT: | 2145 mm |
| DRY WEIGHT: | 3160 Kg |
| FUEL TANK CAPACITY: | 390 L |
| ACOUSTIC PRESSURE AT 1M: | 83 dB |
| ACOUSTIC PRESSURE AT 7M: | 73 dB |

SDMO D275

TECHNICAL DATA

GENERAL ENGINE DATA

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|----------------------|-----------------|
| MANUFACTURER: | DOOSAN |
| MODEL REF: | PI26TI |
| SPEED: | 1500 RPM |
| POWER PRP: | 200 kW |
| POWER LTP: | 220 kW |
| NUMBER OF CYLINDERS: | 6 |
| DISPLACEMENT: | 11.05 L |
| BORE: | 123 mm |
| STROKE: | 155 mm |
| COMPRESSION RATIO: | 17 |
| COOLING SYSTEM: | GLYCOL-ETHYLENE |
| AIR INLET SYSTEM: | TURBO |
| OIL CAPACITY: | 25 L |
| EXHAUST GAS TEMP: | 560 °C |
| EXHAUST GAS FLOW: | 715 L/s |

ALTERNATOR DATA

| | |
|---------------------------|----------|
| ALTERNATOR REF: | KH01380T |
| INSULATION CLASS: | H |
| INDICATION OF PROTECTION: | IP23 |

FUEL

| | |
|----------------------|----------|
| CONSUMPTION AT 100%: | 58.1 L/h |
| CONSUMPTION AT 75%: | 43.6 L/h |
| CONSUMPTION AT 50%: | 30 L/h |

TERMS & CONDITIONS

PRP : Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. ESP : The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

According to the standard, the nominal power assigned by the genset is given for 25°C Air Inlet Temperature, of a barometric pressure of 100 kPa (100 m A.S.L), and 30 % relative humidity. For particular conditions in your installation, refer to the derating table.