

## SDMO D300



### GENERAL SET DATA

ENGINE REF:	P126TI
ALTERNATOR REF:	KH01720T
STANDARD CONTROL PANEL:	APM303
OPTIONAL CONTROL PANEL:	APM403 M80/TELYS

### OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	273 kVA
STANDBY POWER:	300 kVA

### DIMENSIONS

#### OPEN MODEL

LENGTH:	2900 mm
WIDTH:	1300 mm
HEIGHT:	1670 mm
DRY WEIGHT:	2400 Kg
FUEL TANK CAPACITY:	390 L

#### CLOSED MODEL

LENGTH:	4004 mm
WIDTH:	1380 mm
HEIGHT:	2145 mm
DRY WEIGHT:	3250 Kg
FUEL TANK CAPACITY:	390 L
ACOUSTIC PRESSURE AT 1M:	83 dB
ACOUSTIC PRESSURE AT 7M:	73 dB

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## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	DOOSAN
MODEL REF:	PI26TI
SPEED:	1500 RPM
POWER PRP:	218 kW
POWER LTP:	240 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:	KH01720T
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 Intlet 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.