

SDMO V275C2



GENERAL SET DATA

ENGINE REF:	TAD734GE
ALTERNATOR REF:	KH01421T
STANDARD CONTROL PANEL:	APM403
OPTIONAL CONTROL PANEL:	APM802/ M80/TELYS

OUTPUT

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

DIMENSIONS

OPEN MODEL

LENGTH:	2900 mm
WIDTH:	1300 mm
HEIGHT:	1590 mm
DRY WEIGHT:	2172 Kg
FUEL TANK CAPACITY:	390 L

CLOSED MODEL

LENGTH:	4004 mm
WIDTH:	1380 mm
HEIGHT:	2145 mm
DRY WEIGHT:	3102 Kg
FUEL TANK CAPACITY:	390 L
ACOUSTIC PRESSURE AT 1M:	78 dB
ACOUSTIC PRESSURE AT 7M:	67 dB

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TECHNICAL DATA

GENERAL ENGINE DATA

MANUFACTURER:	VOLVO
MODEL REF:	TAD734GE
SPEED:	1500 RPM
POWER PRP:	200 kW
POWER LTP:	220 kW
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	7.15 L
BORE:	108 mm
STROKE:	130 mm
COMPRESSION RATIO:	17.1
COOLING SYSTEM:	GLYCOL-ETHYLENE
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	29 L
EXHAUST GAS TEMP:	550 °C
EXHAUST GAS FLOW:	557 L/s

ALTERNATOR DATA

ALTERNATOR REF:	KH01421T
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	53.4 L/hr
CONSUMPTION AT 75%:	42.6 L/hr
CONSUMPTION AT 50%:	30.5 L/hr

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.