

CATERPILLAR DE300EO



GENERAL SET DATA

ENGINE REF:	CAT C9
GOVENER TYPE:	ADEM A4
STANDARD CONTROL PANEL:	EMCP 4.4
OPTIONAL CONTROL PANEL:	N/A

OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	480/220
PRIME POWER:	275 kVA
STANDBY POWER:	300 kVA

DIMENSIONS

OPEN MODEL

LENGTH:	-
WIDTH:	-
HEIGHT:	-
DRY WEIGHT:	-
FUEL TANK CAPACITY:	-

CLOSED MODEL

LENGTH:	4300 mm
WIDTH:	1410 mm
HEIGHT:	2165 mm
FULL WEIGHT:	3404 Kg
FUEL TANK CAPACITY:	665 L
ACOUSTIC PRESSURE AT 1M:	76 dB
ACOUSTIC PRESSURE AT 7M:	69 dB

CATERPILLAR DE300E0

TECHNICAL DATA

GENERAL ENGINE DATA

MANUFACTURER:	CAT
MODEL REF:	C9
SPEED:	1500 RPM
POWER PRP:	220
POWER LTP:	240
NUMBER OF CYLINDERS:	4
DISPLACEMENT:	8.8 L
BORE:	112 mm
STROKE:	149 mm
COMPRESSION RATIO:	16.1
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	-
EXHAUST GAS TEMP:	496.1 °C
EXHAUST GAS FLOW:	46 m ³ /min

ALTERNATOR DATA

ALTERNATOR REF:	LC5014J
INSULATION CLASS:	-
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	64.7 L/hr
CONSUMPTION AT 75%:	52.2 L/hr
CONSUMPTION AT 50%:	38.4 L/hr

TERMS & CONDITIONS

Applicable Codes and Standards:

AS1359, CSA C22.2 No100-04, UL142,UL489, UL869, UL2200, NFPA37, NFPA70, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22,NEMA MG1-33, 2006/95/EC, 2006/42/EC, 2004/108/EC.