

CATERPILLAR DE22E3



GENERAL SET DATA

ENGINE REF:	CAT C2.2
ALTERNATOR REF:	LC1114M
STANDARD CONTROL PANEL:	TCP 1000
OPTIONAL CONTROL PANEL:	N/A

OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	20 kVA
STANDBY POWER:	22 kVA

DIMENSIONS

OPEN MODEL

LENGTH:	1500 mm
WIDTH:	860 mm
HEIGHT:	895 mm
DRY WEIGHT:	382 Kg
FUEL TANK CAPACITY:	-

CLOSED MODEL

LENGTH:	-
WIDTH:	-
HEIGHT:	-
DRY WEIGHT:	-
FUEL TANK CAPACITY:	-
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	-

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TECHNICAL DATA

GENERAL ENGINE DATA

MANUFACTURER:	CAT
MODEL REF:	C2.2
SPEED:	1500 RPM
POWER PRP:	16 kWm
POWER LTP:	17.6 kWm
NUMBER OF CYLINDERS:	4
DISPLACEMENT:	2.2 L
BORE:	84 mm
STROKE:	100 mm
COMPRESSION RATIO:	23.3
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	NATURAL
OIL CAPACITY:	10.6 L
EXHAUST GAS TEMP:	505 °C
EXHAUST GAS FLOW:	3.9 m ³ /min

ALTERNATOR DATA

ALTERNATOR REF:	LC1114M
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	5.3 L/hr
CONSUMPTION AT 75%:	3.9 L/hr
CONSUMPTION AT 50%:	2.9 L/hr

TERMS & CONDITIONS

The equipment meets the following standards: IEC60034-1, IEC60034-22, ISO3046, ISO8528, NEMA MG 1-32, NEMA MG 1-33, 2004/108/EC, 2006/42/EC, 2006/95/EC.