

# CATERPILLAR DE88E0



## GENERAL SET DATA

ENGINE REF:	CAT C4.4
ALTERNATOR REF:	R1973L4
STANDARD CONTROL PANEL:	EMCP 4.1
OPTIONAL CONTROL PANEL:	N/A

## OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	80 kVA
STANDBY POWER:	88 kVA

## DIMENSIONS

### OPEN MODEL

LENGTH:	1925 mm
WIDTH:	1120 mm
HEIGHT:	1361 mm
DRY WEIGHT:	1083 Kg
FUEL TANK CAPACITY:	-

### CLOSED MODEL

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

# CATERPILLAR DE88E0

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	CAT
MODEL REF:	C4.4
SPEED:	1500 RPM
POWER PRP:	64 kWm
POWER LTP:	70.4 kWm
NUMBER OF CYLINDERS:	4
DISPLACEMENT:	4.4 L
BORE:	105 mm
STROKE:	127 mm
COMPRESSION RATIO:	17.25
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	8 L
EXHAUST GAS TEMP:	580 °C
EXHAUST GAS FLOW:	13.3 m <sup>3</sup> /min

### ALTERNATOR DATA

ALTERNATOR REF:	R1973L4
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	18.2 L/hr
CONSUMPTION AT 75%:	13.6 L/hr
CONSUMPTION AT 50%:	9.5 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.