

## CATERPILLAR C15-500



### GENERAL SET DATA

ENGINE REF:	C15
ALTERNATOR REF:	LC6114D
STANDARD CONTROL PANEL:	EMCP 4.1
OPTIONAL CONTROL PANEL:	EMCP 4.2

### OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	455 kVA
STANDBY POWER:	500 kVA

### DIMENSIONS

#### OPEN MODEL

LENGTH:	3842 mm
WIDTH:	1110 mm
HEIGHT:	2181 mm
COMPLETE WEIGHT:	4400 Kg
FUEL TANK CAPACITY:	-

#### CLOSED MODEL

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

# CATERPILLAR C15-500

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	CAT
MODEL REF:	C15
SPEED:	1500 RPM
POWER PRP:	364 kW
POWER LTP:	400 kW
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	15.2 L
BORE:	137.2 mm
STROKE:	171.4 mm
COMPRESSION RATIO:	16.1
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	-
EXHAUST GAS TEMP:	523.6 °C
EXHAUST GAS FLOW:	79.4 m <sup>3</sup> /min

### ALTERNATOR DATA

ALTERNATOR REF:	LC6114D
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	103.7 L/hr
CONSUMPTION AT 75%:	77.9 L/hr
CONSUMPTION AT 50%:	55.3 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.