

CATERPILLAR C15-550



GENERAL SET DATA

ENGINE REF:	C15
ALTERNATOR REF:	LC6114D
STANDARD CONTROL PANEL:	EMCP 4
OPTIONAL CONTROL PANEL:	EMCP 4.2+

OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	500 kVA
STANDBY POWER:	550 kVA

DIMENSIONS

OPEN MODEL

LENGTH:	3897 mm
WIDTH:	1119 mm
HEIGHT:	2250 mm
COMPLETE WEIGHT:	3490 Kg
FUEL TANK CAPACITY:	-

CLOSED MODEL

LENGTH:	-
WIDTH:	-
HEIGHT:	-
FULL 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:	C15
SPEED:	1500 RPM
POWER PRP:	400 kW
POWER LTP:	440 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:	511.3 °C
EXHAUST GAS FLOW:	79.2 m ³ /min

ALTERNATOR DATA

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

FUEL

CONSUMPTION AT 100%:	102 L/hr
CONSUMPTION AT 75%:	76.2 L/hr
CONSUMPTION AT 50%:	54 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.