

CATERPILLAR C13-400



GENERAL SET DATA

ENGINE REF:	CAT C13
ALTERNATOR REF:	LC6134B
STANDARD CONTROL PANEL:	EMCP 4.1
OPTIONAL CONTROL PANEL:	N/A

OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	480/220
PRIME POWER:	350 kVA
STANDBY POWER:	400 kVA

DIMENSIONS

OPEN MODEL

LENGTH:	3800 mm
WIDTH:	1110 mm
HEIGHT:	2156 mm
COMPLETE WEIGHT:	3273 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:	C13
SPEED:	1500 RPM
POWER PRP:	280 kW
POWER LTP:	320 kW
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	12.5 L
BORE:	130 mm
STROKE:	157 mm
COMPRESSION RATIO:	16.3
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	-
EXHAUST GAS TEMP:	516.4 °C
EXHAUST GAS FLOW:	66.3 m ³ /min

ALTERNATOR DATA

ALTERNATOR REF:	LC6114B
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	78.9 L/hr
CONSUMPTION AT 75%:	62.8 L/hr
CONSUMPTION AT 50%:	44.6 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.