

CATERPILLAR DE165E0



GENERAL SET DATA

ENGINE REF:	CAT C7.1
ALTERNATOR REF:	R2453L4
STANDARD CONTROL PANEL:	EMCP 4.1
OPTIONAL CONTROL PANEL:	N/A

OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	150 kVA
STANDBY POWER:	165 kVA

DIMENSIONS

OPEN MODEL

LENGTH:	2500 mm
WIDTH:	1120 mm
HEIGHT:	1528 mm
DRY WEIGHT:	1707 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:	C7.1
SPEED:	1500 RPM
POWER PRP:	120 kWm
POWER LTP:	132 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	7 L
BORE:	105 mm
STROKE:	135 mm
COMPRESSION RATIO:	16
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	16.5 L
EXHAUST GAS TEMP:	484 °C
EXHAUST GAS FLOW:	25.5 m ³ /min

ALTERNATOR DATA

ALTERNATOR REF:	R2453L4
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	32.4 L/hr
CONSUMPTION AT 75%:	25 L/hr
CONSUMPTION AT 50%:	16.7 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.