

170kVA Cummins CPG



FUEL FLOW

MAX. FUEL FLOW	45 L/hr
MAX. FUEL INLET REST.	101 / 203 (clean / dirty filter)
MAX. FUEL INLET TEMP.	71°C

GENERAL FEATURES

MODEL	C170 D5
FREQUENCY	50 Hz
FUEL TYPE	Diesel

The C170D50-1 Cummins powered diesel generator is a genuine designed and built generator including all key components - engine, alternator, transfer switches and control systems. Only genuine parts are used to optimise performance, fuel efficiency and longevity of the genuine Cummins generator. The Cummins generators are fully supported with worldwide warranty and backed by Cummins' extensive parts and service network.

FUEL CONSUMPTION

RATINGS	STANDBY RATING				PRIME RATING			
	1/4	1/2	3/4	FULL	1/4	1/2	3/4	FULL
L/hr	15.20	23.20	31.50	39.60	12.10	20.00	30.60	36.00

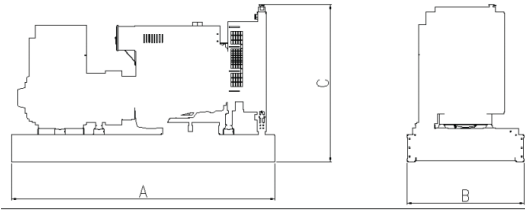
AIR

	STANDBY RATING	PRIME RATING
COMBUSTION AIR, m³/min	12.43	11.81
MAXIMUM AIR CLEANER RESTRICTION, kPa	4	

EXHAUST

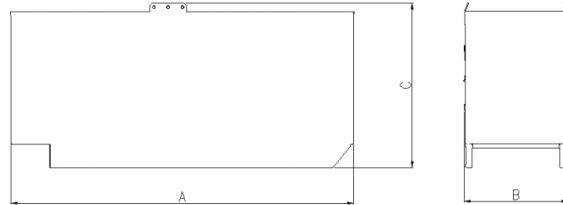
EXHAUST GAS FLOW AT SET RATED LOAD, m³/min	32.37	31.12
EXHAUST GAS TEMPERATURE, °C	533	517
MAXIMUM EXHAUST BACK PRESSURE, kPa	10.25	

DIMENSION AND WEIGHT



Standard open set dimensions
 SIZE(L*W*H):2537*1090*1846 (MM)
 N.W.:1635(KGS)

Outlines are for illustrative purposes only. Please refer to the genset outline drawing for an exact representation of this model.



Enclosed set standard dimensions
 SIZE(L*W*H):3460*1090*2387(MM) 20FT CONTAINER
 N.W.:2390(KGS)

ENGINE SPECIFICATIONS

1	ENGINE MODEL	6BTAA5.9-G7
2	ENGINE MANUFACTURER	TCL
3	CONFIGURATION	4-cycle, In-line, 6-cylinder
4	ASPIRATION	Turbocharged and Charged air cooled
5	GROSS ENGINE POWER OUTPUT	160kWm
6	BORE	102mm
7	STROKE	120mm
8	RATED SPEED	1500mm
9	PISTON SPEED	6m/s
10	COMPRESSION RATIO	16.5 :1
11	LUBE OIL CAPACITY	16.4 L
12	OVERSPEED LIMIT	1800 RPM
13	REGENERATIVE POWER	NA
14	GOVERNOR TYPE	Electronic
15	STARTING VOLTAGE	12 Volts DC