

PRODUCT INFORMATION

Hahn & Sohn C200 diesel generator

Hahn & Sohn C200 is a three-phase soundproofed diesel generator with an output of 180 kVA (144 kW) in continuous operation and 200 kVA (160 kW) in standby operation. It is powered by a six-cylinder Cummins 6CTA8.3-G2 engine with a displacement of 8.3 l and charge air cooling,...



PARAMETER	VALUE
Category	Industrial power generators
Warranty	1 year
Weight	2185 kg
Model	C200
Fuel	diesel
Rated power	180 kVA / 144 kW
Standby power	200 kVA / 160 kW
Voltage	400 V (combined), 50 Hz, 3-phase (230/400 V alternator)
Rated current	262 A
Power factor	0,8

PARAMETER	VALUE
Noise level	73 dB @ 7 m
Engine	Cummins 6CTA8.3-G2
Engine specification	4-stroke, water-cooled, in-line, 6-cylinder, direct injection, turbocharged with intercooling
Engine capacity	8,3 l
Bore x stroke	114 x 135 mm
Compression ratio	17,3:1
Revolutions per minute	1,500 rpm (idling 750-850)
Speed control	electronic controller
Injection sequence	1-5-3-6-2-4
Starter motor	24 V
Tank capacity	350 l
Fuel consumption	48 l/h (110 %) / 42 l/h (100 %) / 31 l/h (75 %) / 21 l/h (50 %) / 13 l/h (25 %)
Oil capacity	27,6 l
Coolant (engine only)	12,3 l
Maximum oil temperature	121 °C
Max. coolant temperature (standby / prime)	104 / 100 °C
Max. exhaust back pressure	13 kPa
Exhaust pipe diameter	75 mm
Alternator	Stamford UCI274G, single bearing, IP 23, H-class insulation, brushless

PARAMETER	VALUE
Voltage regulation accuracy	$\pm 0,5 \%$
Control unit	ComAp IntelliLite 4 AMF25
Dimensions (L x W x H)	3 350 x 1 200 x 1 750 mm

Data from Hahn & Sohn product documentation. Before selecting a model, confirm the intended application, configuration and operating conditions.

Full information: <https://hahn-sohn-eu.vercel.app/en/hahn-sohn-naftova-elektrocentrala-c200/>