PRODUCT INFORMATION

Hahn & Sohn C165 diesel generator

Hahn & Sohn C165 is a three-phase soundproofed diesel generator with an output of 150 kVA (120 kW) in continuous operation and 165 kVA (132 kW) in standby operation. It is powered by a six-cylinder Cummins 6BTAA5.9-G12 engine with charge air cooling, electricity is generated by a…

PARAMETER	VALUE
Category	Industrial power generators
Warranty	1 yaer
Weight	1835 kg
Model	C165
Fuel	diesel
Rated power	150 kVA / 120 kW
Standby power	165 kVA / 132 kW
Voltage	400 V (combined), 50 Hz, 3-phase (230/400 V alternator)
Rated current	217 A
Power factor	0,8

PARAMETER	VALUE
Noise level	73 dB @ 7 m
Engine	Cummins 6BTAA5.9-G12
Engine specification	4-stroke, water-cooled, in-line, 6-cylinder, direct injection, turbocharged with intercooling
Engine capacity	5,9 l
Bore x stroke	102 x 120 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	275 l
Fuel consumption	38 l/h (110 per cent) / 34 l/h (100 per cent) / 26 l/h (75 per cent) / 17 l/h (50 per cent) / 10 l/h (25 per cent)
Oil capacity	16,4 l
Coolant (engine only)	10 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 UCI274F, 1 bearing, IP 23, H-class insulation, brushless
Voltage regulation accuracy	±0.5 per cent

PARAMETER	VALUE
Control unit	ComAp InteliLite 4 AMF25
Dimensions (L x W x H)	3 300 x 1 130 x 1 650 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-c165/