

PRODUCT INFORMATION

Hahn & Sohn HDE30SS3 Diesel Generator

Hahn & Sohn HDE30SS3 is a three-phase diesel generator designed as a primary or backup source of electrical power for industrial facilities, construction sites, workshops, agricultural buildings, and other technical applications. At a frequency of 50 Hz, it provides a rated...



PARAMETER	VALUE
Category	Industrial power generators
Warranty	2 years
Weight	1000 kg
Model	Hahn & Sohn HDE30SS3
Design	brushless
Rated frequency	50 Hz
Rated power	30 kVA / 24 kW
Standby power	32,5 kVA / 26 kW
Rated voltage	400/230 V
Rated current	43,5 A

PARAMETER	VALUE
Rated speed	1,500 rpm
Power factor	0.8, lagging behind
Alternator manufacturer	XINGNUO
Alternator type	XND184J-1
Number of poles	4
Excitation	self-exciting
Voltage regulation	AVR
Insulation class	H
Engine manufacturer	Weichai
Engine type	WP2.3D33E200
Number of cylinders	4
Cylinder layout	row
Operating cycle	four-stroke
Injection moulding	direct
Supercharging	turbocharger
Cooling	liquid
Bore × stroke	89 × 92 mm
Engine capacity	2,289 l
Compression ratio	17,5 : 1
Rated engine power	30 kW
Lubrication system	pressure lubrication

PARAMETER	VALUE
Recommended engine oil	higher than grade CD or SAE 10W-30 / 15W-40
Starting system	12 V electric starter
Starter motor power	3,5 kW
Engine specific fuel consumption	212 g/kWh
Fuel	diesel
Control panel	HGM4010N
Noise level at a distance of 7 m	51 dB(A)
Overall dimensions	1 950 × 950 × 1 200 mm
Output connection	switchboard
Sockets	are not included in the standard specification
Option for customisation	installation of selected sockets, circuit breakers and cable outlets
Emergency stop	yes
Forklift truck operation	yes
Condition on delivery	with oil and coolant, a fully charged battery and following operational testing

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-dieselovy-generator-hde30ss3/>