

PRODUCT INFORMATION

Hahn & Sohn Diesel Generator HDE20SS3-DW

Rated Power: 22.5 kVA / 18 kW Output Voltage: 400/230 V Fuel Consumption at 50% Load: approx. 2.0 l/h Weight (net): 960 kg



PARAMETER	VALUE
Category	Industrial power generators
Warranty	2 years
Weight	960 kg
Rated power (prime power)	18 kW / 22.5 kVA
Maximum power (Standby Power)	20 kW / 25 kVA
Output voltage	400/230 V
Rated current	32.6 A
Frequency	50 Hz
Speed	1500 rpm
Engine	WEICHAH WP2.3D25E200, 4-cylinder, 4-stroke, water-cooled, direct injection

PARAMETER	VALUE
Displacement	2.289 l
Bore × stroke	89 × 92 mm
Compression ratio	17.5
Nominal engine power	23 kW
Oil capacity	8 l
Coolant capacity	5 l (engine) + 8 l (radiator)
Specific fuel consumption	224 g/kWh (≈ 2.0 l/h at 50% load)
Fuel	diesel (0# summer, -10# winter, -35# arctic)
Starting	electric, 12 V (3.5 kW starter)
Alternator	XINGNUO XN184G-1, brushless, self-excited, AVR, insulation class H
Control unit	ComAp HGM4010N
Noise level	51 dB(A) @ 7 m
Fuel tank	90 l
Dimensions (L × W × H)	1950 × 950 × 1200 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-dieselovy-generator-hde20ss3-dw/>