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Ref. No.:

1343-25101300

## Overview and Technical Data:

# SOKRATHERM GG 140 S - combined heat & power plant 142kW

## SOKRATHERM



Year of Build:  
Blockheizkraftwerke  
Oct 2011

## Description:

# Used SOKRATHERM GG 140 SoE - Gas Combined heat & power unit 142kW

The natural gas-fueled cogeneration unit has a thermal output of 216 kW and an electrical output of 142 kW for the power supply, and is ideally suited to compensate for the constantly rising energy prices through self-generation. The CHP unit works on the principle of cogeneration, which means that in addition to electricity, heat can also be generated.

Stand 17.12.2021

- 60502 Bh
- 3768 Starts

## Technical data

- Gross active power: 199 kW
- Net active power: 142 kW
- Apparent power: 177,5 kVA
- Rated voltage: 400 V
- Rated current: 257 A
- Electrical efficiency: 36,2
- Thermal power: 216 kW
- Thermal efficiency: 55,1
- Total efficiency: 91, 3%
- Gas consumption: 392 kW H
- Electric power factor: 0,64
- Primary energy factor: 0,194

- Maintenance interval: 1.500 operating hours
- Major overhaul: 50,000 after approx. [Bh]
- Airborne sound pressure level: 69 dB

Generator:

- Manufacturer: MarelliGenerators
- Model: MJB 250 LB4

CHP - combined heat and power plants

Combined heat and power plants or industrial plants that produce thermal energy and cogeneration, using a combustion engine to produce both electricity and heat. Especially in times when productivity and economic security are becoming increasingly important, CHP can contribute to environmental protection and at the same time reduce personnel costs. The operation of cogeneration is very efficient, as the combination of electricity generation and heat production can be up to 95% efficient. This is possible by using the heat generated during electricity production for heating purposes, which means that practically nothing is lost in terms of heat and energy. CHP is not only environmentally friendly, but can also reduce electricity bills, as self-produced electricity is often cheaper than the alternative grid.

## Technical Data:

## Technical Data:

Control:

[CNC](#)

Machine Hours:

3768

## Dimensions and Weight:

Height:

1.830 mm

Length:

2.500 mm

Width:

900 mm

Weight:

2.850 kg

## Buyer Information:

Condition:

[Very good condition](#)

Available:

[Immediately](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[16 %](#)

Location:

Germany

**Images:**







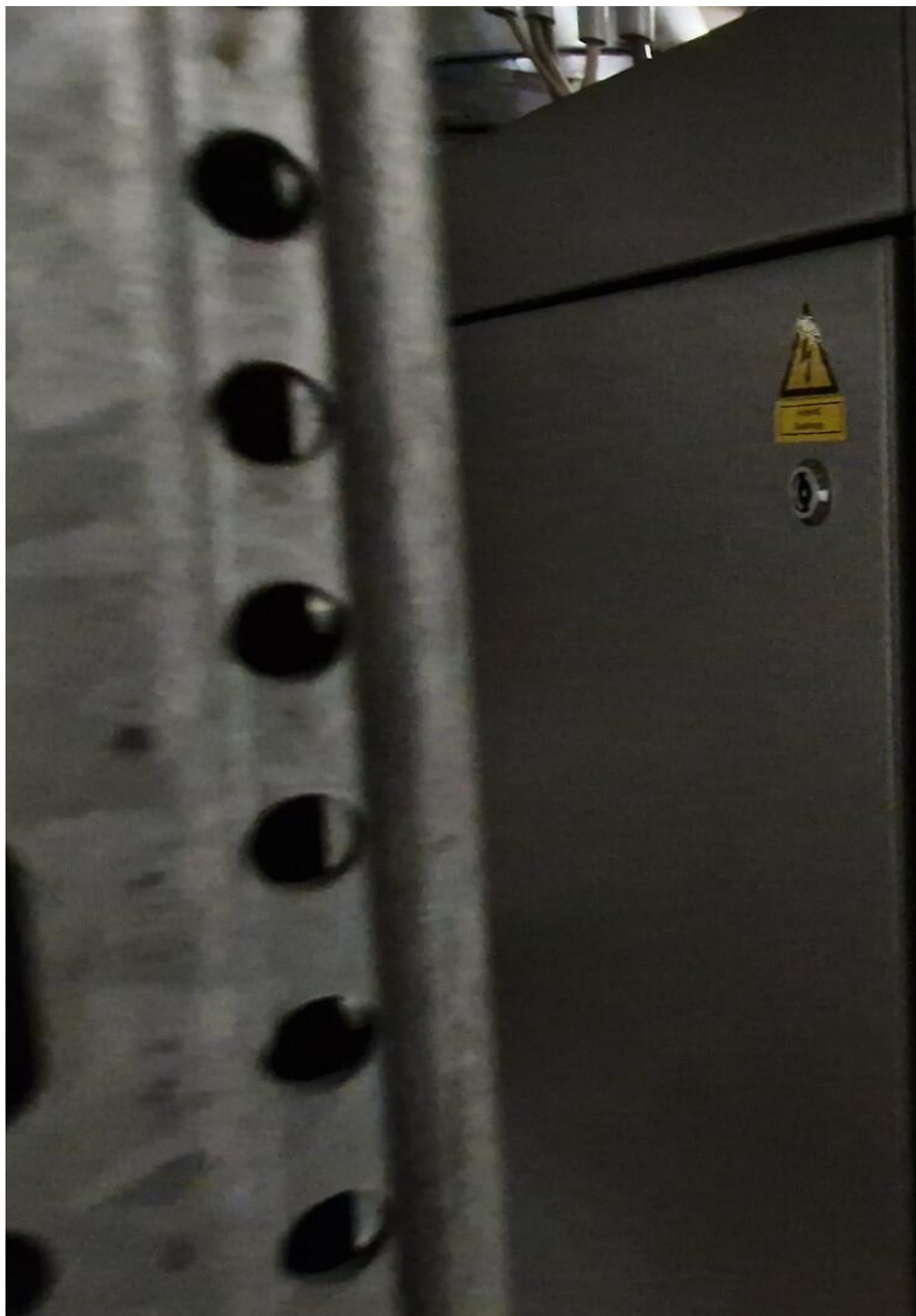














**SOKRATHERM®**

BHKW-Kompaktmodul  
compact CHP unit



BHKW-Typ  
CHP-type

GG 140 S oE

elektrische Nennleistung  
rated electric power

142 kW

Fertigungsnummer  
serial number

F110102

Nennrehzahl  
rated speed

1500 1/min

Nennspannung  
rated voltage

400 V

max. Heizwassereintritt  
max. heating water inlet

Spezifikation  
specification

WP 7L-70 B

thermische Nennleistung  
rated thermal power

216 kW

Aufstellhöhe  
altitude

<100 m üNN

Nennfrequenz  
rated frequency

50 Hz

Nennstrom  
rated current

256 A

max. Heizwasseraustritt  
max. heating water outlet

Baujahr  
year of construction

2011

Energieeinsatz  
energy input

392 kW

max. Lufttemperatur  
max. air temperature

25 °C

Steuerspannung  
control voltage

24 V

Nennleistungsfaktor  
rated power factor

cos φ 0,8

max. Heizwasserdruck  
max. heating water pressure

**Video:**



Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany



# W-Kompaktmodule Moderne Energie- und Wärmetechnik

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Web.: <https://mail.asset-trade.de/en>

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## **Images:**























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CHP-type

GG 140 S oE

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