

If necessary, use a thermometer to check the workpiece temperature, as temperature differences between the heating plate and the workpiece can occur if the heating time is too short or due to radiation losses.

The temperature of the hot plate will remain within 10 °C (18 °F) of the selected value.

5.7 Remove the workpiece

After heating, the workpiece can be removed and mounted. If needed, place another workpiece onto the plate. Once the process has been completed, switch off the device and let it cool down.

6. Important information

For increased safety the **HP 200** hot plate is equipped with overheating protection. This will automatically switch off the power in case of thermostat failure.

- The heater should not be used in areas where there is a risk for explosion.
- Never enter the heater body via venting slots/holes.
- Do not expose the heater to high humidity.
- Never modify the heater and do not carry out repairs yourself.

Product warranty is limited to original defects in material and workmanship and does not cover any collateral damage due to mishandling, abuse and/or any other inappropriate use of the device.

Revision: 0 / 09.09.2026

HP 200

Hot plate

User manual



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GRUETZNER
AUTOMATIC LUBRICATION

1. Overview



No.	Description	No.	Description
1	Protective cover	3	Indicator lamp
2	Main switch	4	Thermostat

The electric hot plate **HP 200** consists of a heating plate housed in a metal casing with removable cover. The temperature is controlled by means of a thermostat.

There are two different model versions to choose from:

Art.no.	Model type
HP-200	Voltage supply 230 V
HP-200-110V	Voltage supply 110 V

2. Technical data

Housing			
Outside dimensions		390 × 190 × 139	mm
Plate dimensions		378 × 178	mm
Height of lid		50	mm
Length of connection cable		200	cm
Weight		6	kg
Electrics			
Voltage	HP-200	230 V, 50/60 Hz	
	HP-200-110V	110 V, 50/60 Hz	
Power		1 000	W
Warming			
Temperature range	50 – 200		°C
	122 – 392		°F
Tolerance range	< 10		°C
	< 50		°F
Components			
Bore diameter max.		100	mm
Max. weight		4	kg

3. Description

The electric hot plate **HP 200** is intended for heating bearings and other machinery components prior to mounting. It is suitable for components with a bore of up to approximately 100 mm (4 inch) or with a weight of up to 4 kg. The hot plate has a maximum temperature of 200 °C (390 °F) and is equipped with a lid for retaining the heat, at the same time dirt is prevented from entering the bearing.

4. Safety

- Risk of pinching your fingers
- Hot surfaces: During the heating process observe a safety distance of 30 cm (1 ft) with the workpiece and the heater.
- Use heat protection gloves

5. Commissioning

5.1 Balance the voltage

Make sure the voltage marked on the heater corresponds with the one available from the main supply.

5.2 Connect the device

Make sure the heater is securely connected to earth and connect the heater to the power supply.

5.3 Place the workpiece

Open the hood and place the workpiece onto the heating plate. If necessary, several workpieces can be heated simultaneously. Close the hood again to prevent contamination.

5.4 Set the thermostat

Set the thermostat to the required temperature. Recommended temperature for bearings is 110 °C (230 °F).

5.5 Switch on the device

Turn the unit on by pressing the ON/OFF switch. Main pilot lamp will light up.

Caution: Hot surface!
Both the workpiece and the heating plate will be extremely hot. Only work with suitable heat protection gloves!
In case of non-compliance, there is a serious risk of burns!

5.6 Check the temperature

The red indicator lamp next to the temperature controller remains lit up while the heating plate is warming up and switches off once the heating plate has reached the desired temperature.