

INDUCTION HEATER IH 070

The perfect solution for clean and efficient mounting of bearings



simatherm IH 070 – For heating small and medium sized workpieces up to 120 kg

The **simatherm IH 070** is suitable for heating small and medium sized workpieces up to 120 kg. Due to the external induction coil, the device exemplifies efficiency. The IH 070 is supplied with three yokes, one temperature probe and heat protection gloves as standard.

- Available for 230 V/50-60 Hz, 115 V/60 Hz, 100 V/50-60 Hz
- Very compact design
- For workpieces with a bore diameter of 20 to 400 mm
- Total weight only 35 kg



simatherm[®]
smart mounting



Heating of small to medium-sized workpieces of 20 mm inside diameter or more



Heating of larger workpieces of 115 mm inside diameter or more (maximum efficiency of the heater)



Swivel arm available (optional)



simatherm induction heater IH 070

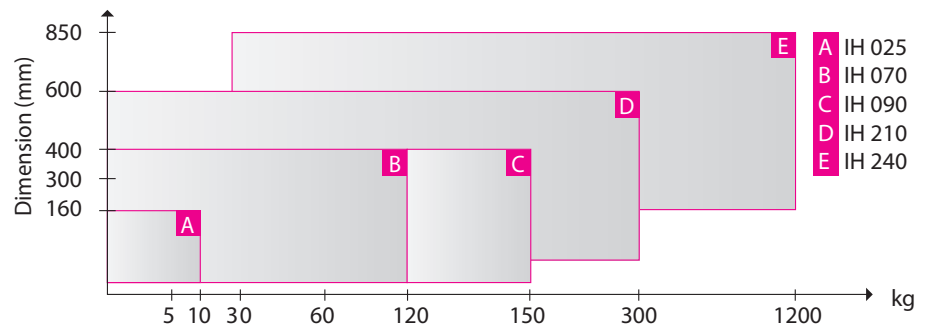
The simatherm IH 070 induction heater is used to heat bearings or other metallic, ring-shaped workpieces. The heat causes the workpiece to expand so that no force has to be exerted when fitting it on the shaft. For heating, the workpieces can be positioned around the coil or around the horizontal yokes.

Technical data

Voltage ($\pm 9\%$)	230 V/50–60 Hz 115 V/60 Hz 100 V/50–60 Hz
Maximum power consumption	3.7 kVA (230 V/50–60 Hz) 2.2 kVA (115 V/60 Hz) 1.5 kVA (100 V/50–60 Hz)
Temperature control	20–250°C in steps of 1°C
Time mode	0–60 minutes in 0.1-minute intervals
Power range	20–100% in steps of 20%
Demagnetisation	automatic
Dimensions	420 x 280 x 345 mm
Size of the operating area	145 x 205 mm
Coil diameter	115 mm
Weight incl. yokes	35 kg
Maximum weight of the workpiece	120 kg
Dimensions of standard yokes	55 x 55 x 275 mm (for $\varnothing \geq 78$ mm) 28 x 28 x 275 mm (for $\varnothing \geq 40$ mm) 14 x 14 x 275 mm (for $\varnothing \geq 20$ mm)
Swivel arm	optional

The appropriate equipment for your application

The selection of a simatherm heater depends mainly on the dimensions and weight of the workpieces to be heated. This diagram is intended to help you decide which device to choose.



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