

TWIM 15/230V



SKF Induction Heater TWIM 15 (230 V version)

The SKF TWIM 15/230V is a portable and robust induction heater that is designed for safe bearing heating for hot mounting. This compact heater is especially suitable for usage in the field, yet it is compact and versatile for usage on workbenches. The heater utilizes a smart construction and operating software to optimise the bearing heating safety and speed for bearings weighing up to 20 kg. The heater has different power modes to support heating of sensitive bearings (e.g. with reduced clearance) and non-bearing components.

- Portable, lightweight, compact and robust
- Smart and innovative bearing heating technology
- No support yokes required
- Automatic temperature control
- Detection of bearing size and automatic heating adjustment

Overview

Dimensions

Dimensions (W x L x H)	450 x 500 x 100 mm
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Performance

Heating performance example (bearing, weight, temperature, time)	6320, 7.1kg, 110°C, 5min 20sec
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Properties

Recommended applications	Intended for heating up roller bearings that are mounted with an interference fit on a shaft. Other ring-shaped metallic components can also be heated.
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Workpiece weight (max)	20 kg
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Heating temperature (max)	200 °C
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Workpiece bore diameter	30 – 320 mm
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Workpiece width (max)	85 mm
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Power consumption (max)	2.3 kVA
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Current consumption (max)	10 A
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Voltage	220 – 240 V
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Voltage	50 – 60 Hz
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frequency		
Heating temperature control	40 – 200 °C	
Heating temperature steps	1 °C	
Temperature measurement	Magnetic probe K-type	
Heating time control	0.1 – 60 min	
Heating time steps	0.1 min	
Thermometer mode		Yes
Time mode		Yes
Power setting	10% 25%	
Demagnetisation after heating (according SKF norms)	0 A/cm A/cm	
Error guiding codes		Yes
Thermal overload protection		Yes
Cooling fan		Yes
Colour	Blue Dark Grey	
Housing material	Glassfiber filled special PA	
Content	TWIM 15 heater Power cable resistant gloves Printed instructions for use	Use
Total product weight		6.86 kg

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