



Image may differ from product. See technical specification for details.



TIH 220M/LV

SKF Induction Heater TIH 220M (230V version)

The SKF TIH 220M is a large induction heater and is designed for the hot mounting of bearings. This versatile heater is ideal for use on workbenches and can easily be transported to on-site applications with the optional heater trolley TIH T1. The heater has a convenient sliding yoke and is supplied with an additional smaller yoke. The TIH 220M can heat bearings with a minimum bore diameter of 60 mm and larger bearings with a maximum weight of 300 kg.

- Supplied with standard sliding yoke and one smaller yoke located in an integrated storage compartment
- Easy and safe to use with automatic temperature control or time controlled heating
- Automatic demagnetization reduces risk of bearing contamination
- Suitable for non-bearing applications for workpieces weighing up to 150 kg
- Automatic temperature hold function to keep the bearing hot after completion of the heating cycle

Overview

Dimensions

Dimensions (W x L x H)	290 x 750 x 440 mm
Operating area height	255 mm
Operating area width	250 mm
Optional yokes for minimal workpiece bore diameter	40 mm
Workpiece weight (max)	300 kg

Performance

Heating performance example (bearing, weight, temperature, time)	23172 CC/W33, 220 kg, 110 °C, 20 min
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Properties

Bearing support arms	Yes, foldable
Coil diameter	140 mm
Colour	Grey Black
Cooling fan	No
Demagnetisation after heating (according SKF norms)	< 2 A/cm
Error guiding codes	Yes
Heating temperature (max)	250 °C
Heating temperature control	0 to 250 °C
Heating temperature steps	1 °C
Heating time control	0.1 - 60 minutes min
Heating time steps	0.1 min
Housing material	Steel Glass fibre filled polyamide
Main yoke type	Sliding yoke, 70 x 70 mm
Power consumption (max)	11.5 kVA
Power setting	50% 100%
Remote control panel (wired)	Yes, with LED display
Temperature measurement	Magnetic probe K-type
Thermal overload protection	Yes
Thermometer mode	Yes
Time mode	Yes
Voltage	200.0 – 230.0 V
Voltage frequency	50.0 – 60.0 Hz
Workpiece bore diameter	60 to 600 mm

Yoke storage	Yes, internal
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Logistics

Product net weight	86.5 kg
UNSPSC code	40101831
eClass code	23-05-19-01

Compatible products

Accessory

Yoke 28 x 28 x 430 mm	TIH 220-Y4
Support yoke set of 2, 70 x 70 x 150 mm	TIH 220-YS

Spare part

Anti-fretting paste	LGAF 3E/0.035
Power print for TIH 220m, 230V, 50-60Hz	TIH 220-PLV
Roller support (including. rollers and bearings) for TIH 220m	TIH 220-RS
Set of 2 Sliding rails for TIH 220m	TIH 220-SLDR
Yoke 70 x 70 x 430 mm	TIH 220-Y10
Yoke 40 x 40 x 430 mm	TIH 220-Y6
Circuit breaker 50A for TIH 220m/LV, TIH L44/MV, L77/MV	TIH CB50A
Control print TIH heater	TIH CP
Temperature probe, K type including. cable and plug for TIH 030M, TIH 100M, TIH 220M, TIH L33, TIH L44, TIH L77 (all versions, including. MB)	TIH P20
Remote control for TIH 030m, TIH 100m, TIH 220m (all versions)	TIH RC
Snubberboard for the TIH 220m, TIH L33, TIH L44, TIH L77 (all versions including. MB)	TIH SNUBBER



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