



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

TIH 030M/230V

SKF Induction Heater TIH 030M (230V version)

The SKF TIH 030M is a small induction heater and is designed for the hot mounting of bearings. This compact heater is ideal for use on workbenches, yet it can be easily carried for on-site applications. Supplied with three yokes and foldable support arms, the heater is capable of heating bearings with a bore diameters of 20 mm or more and with a maximum weight of 40 kg.

- 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 20 kg
- Automatic temperature hold function to keep the bearing hot after completion of the heating cycle

Overview

Dimensions

Workpiece bore diameter	20 to 300 mm
Operating area height	135 mm
Operating area width	100 mm
Coil diameter	95 mm
Dimensions (W x L x H)	195 x 450 x 210 mm

Properties

Workpiece weight (max)	40 kg
Heating temperature (max)	250 °C
Power consumption (max)	2 kVA
Voltage	220.0 – 240.0 V
Voltage frequency	50.0 – 60.0 Hz
Heating temperature steps	1 °C
Heating temperature control	0 to 250 °C
Temperature measurement	Magnetic probe K-type
Heating time steps	0.1 min
Heating time control	0.1 - 60 minutes min
Thermometer mode	Yes
Time mode	Yes
Power setting	50% 100%
Remote control panel (wired)	Yes, with LED display
Demagnetisation after heating (according SKF norms)	< 2 A/cm
Error guiding codes	Yes
Thermal overload protection	Yes
Cooling fan	No
Colour	Light grey, black
Housing material	Steel Glass fibre filled polyamide
Bearing support arms	Yes, foldable
Yoke storage	Yes, internal
Main yoke type	Loose yoke
Total product weight	27 kg

Compatible products

Accessory

Yoke 20 x 20 x 215 mm	TIH 030-Y3
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Performance

Heating performance example (bearing, weight, temperature, time)	23136 CC/W33, 28 kg, 110 °C, 20 min
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Logistics

Product net weight	21.8 kg
eClass code	23-05-19-01
UNSPSC code	40101831

Spare part

Anti-fretting paste	LGAf 3E/0.035
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Yoke 40 x 40 x 215 mm	TIH 030-Y6
Support yoke set of 2, 45x45x100 mm	TIH 030-YS
Induction heater trolley	TIH T1

Power print for TIH 030m, 230V, 50-60Hz	TIH 030-P230V
Yoke 14 x 14 x 215 mm	TIH 030-Y2
Yoke 28 x 28 x 215 mm	TIH 030-Y4
Yoke 45 x 45 x 215 mm	TIH 030-Y7
Circuit breaker 10A for TIH 030m/230V, TIH 100m/MV	TIH CB10A
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

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