

# SKF TIH 030M/230V

## Small induction heater



The 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.

## Technical specifications

Dimensions	
Operating area width	100 mm
Standard yokes for minimal workpiece bore diameter	20, 40, 65 mm
Optional yokes for minimal workpiece bore diameter	30, 60 mm
Performance	
Heating performance example (bearing, weight, temperature, time)	23136 CC/W33, 28 kg, 110 °C, 20 min
Properties	
Recommended applications	Fans and blowers;Compressors;Roller conveyors;Bearing houses;Gear boxes;Electrical motors;Pump installations;Engines
Type	Induction heater, workshop bench
Series	TIH 030m
Heating method	Induction, low frequency
Suitable for mounting	Yes
Suitable for dismounting	No
Solid workpiece weight (max, mounting)	20 kg
Bearing weight (max)	40 kg
Workpiece bore diameter (mounting)	Array mm
Workpiece outer diameter	Array mm
Power consumption (max)	2 kVA
Workpiece width (max)	100 mm
Workpiece cross section height (max)	135 mm
Operating area height	135 mm
Coil diameter	95 mm
Main yoke type	Loose yoke
Yoke storage	Yes, internal
Voltage	200-240 V
Voltage frequency	50 / 60 Hz
Current (max)	10 A
Temperature measurement	Magnetic probe K-type
Number of temperature sensors	1
Demagnetisation after heating	Yes
Error guiding codes	Yes
Thermal overload protection	Yes
Bearing support arms	Yes, foldable
Display	7 segment LED display
Forced air cooling	No
Power setting	50%, 100%
Thermometer mode	Yes
Time mode	Yes
Remote control panel (wired)	Yes, with LED display
Heating time control	Array s
Heating time steps	6 s
Heating temperature control	Array °C
Heating temperature steps	1 °C
Housing material	Steel; Glass fibre filled polyamide

Colour	Grey;Black
Content	Heater, Remote control, Temperature probe (TIH P20), 3 standard yokes (TIH 030-Y7, TIH 030-Y4, TIH 030-Y2), 1 pair of heat resistant gloves (TMBA G11), 1 tube of anti fretting paste (LAGF 3E/0.035) and 1 shucko mains plug

<b>Logistics</b>	
Product net weight	21.2 kg
eClass code	23-05-19-01
UNSPSC code	40101831