

SKF TWIM 15/230V

Portable induction heater



The TWIM 15 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

Dimensions

Dimensions (W x L x H)	17.7 x 19.7 x 3.9 in
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Performance

Heating performance example (bearing, weight, temperature, time)	6320, 15.7 lb, 230 °F, 5 min 20 sec
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Properties

Recommended applications	Fans and blowers;Compressors;Roller conveyors;Bearing houses;Gear boxes;Electrical motors;Pump installations;Engines
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Type	Induction heater, portable
Series	TWIM 15
Heating method	Induction, medium frequency
Suitable for mounting	Yes
Suitable for dismounting	No
Solid workpiece weight (max, mounting)	22 lb
Bearing weight (max)	44.1 lb
Workpiece bore diameter (mounting)	1.1811 – 9.8425 in
Workpiece outer diameter	1.6535 – 12.5984 in
Power consumption (max)	2300 W
Workpiece width (max)	3.3465 in
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
Heating temperature (max)	392 °F
Thermal overload protection	Yes
Display	7 segment LED display
Forced air cooling	Yes
Power setting	10%;25%;50%;100%
Thermometer mode	Yes
Time mode	Yes
Remote control panel (wired)	No
Heating time control	5 – 1800 s
Heating time steps	1 s
Heating temperature control	104 – 392 °F
Heating temperature steps	33.8 °F
Housing material	Glassfiber filled special PA
Colour	Blue;Dark grey
Content	Heater, Temperature probe (TWIM 15-3), 1 pair of heat resistant gloves (TMBA G11) and 1 shucko mains plug

Logistics

Country of Manufacturing (COM code)	16 - Netherlands
Product net weight	14.6 lb
eClass code	23-05-19-01
UNSPSC code	40101831

Compatible products

Type	Designation	Description	Qty
Recommended product	TWIM 15K/230V	Portable induction heater kit with carrying bag	1
Spare part	TMBA G11	Heat resistant gloves	1
Spare part	TWIM 15-3	Spare magnetic temperature probe, k-type for Portable induction heater	1
Accessory	TWIM 15-BAG	Accessory carrying bag for Portable induction heater	1