TECHNICAL DATASHEET

TIMKEN INDUCTION HEATER

VHIN-G2-10

- **Portable unit**
- **Heating capacity 20 kg (workpiece weight)**
- **Available in 120V and 230V**

Portable design, suitable for on-site jobs.

FEATURES & BENEFITS

- Portable induction heater
- Single temperature measurement
- Digital display
- 5 yokes included

APPLICATIONS

- Bearings, gears, rings, couplings

PART NUMBERS:

HEATERS:

VHIN-G2-10-230VEU
VHIN-G2-10-230VUS
VHIN-G2-10-120VUS

ACCESSORIES:

VHIY-7x7x200 mm
VHIY-10x10x200 mm
VHIY-14x14x200 mm
VHIY-20x20x200 mm
VHIY-40x40x200 mm

Induction heating is a superior, fast and controlled heating method. It is a safer and more environmentally friendly alternative to traditional heating methods such as ovens or oil baths. These methods cause fumes or oil waste and are not recommended for personal health and safety.

Do not heat with blow torches.

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**CERTIFIED
ELECTRICAL SAFETY
LR1601**

CE

General	
Power rating 230V / 240V	2.3 kVA
Power rating 120V	1.2 kVA
Voltage/Amp*	230V or 120V/10A
Frequency	50/60 Hz

Workpiece min./max. sizes		
	Metric	**Imperial**
Max. weight of the workpiece	20 kg	44.09 lbs.
Min. bore diameter	10 mm	0.39″
Max OD	240 mm	9.45″
Max. workpiece width	120 mm	4.8″
Swing arm	No	

Pole Dimensions		
	Metric	**Imperial**
Pole dimensions	40x40 mm	1.57x1.57″
Pole height	135 mm	5.31″

Controls		
	Metric	**Imperial**
Max. temp	150° C	302° F
Max. time range	0-30 min.	
Auto power reduction	No	

Options		
	Metric	**Imperial**
Yokes (standard set)	10, 14, 40 mm	0.39, 0.55, 1.57″
Yokes (optional)	7, 20 mm	0.28, 0.79″
Support for horizontal heating	No	
Mobile	No	
Temperature control	Yes	

Dimensions		
	Metric	**Imperial**
Dimensions	460x240x280 mm	18.11x9.45x11.02″
Package size	650x290x360 mm	25.6x11.4x14.2″
Heater weight (including yokes)	21 kg	46.3 lbs.

Miscellaneous	
Sound signal	Yes
Temperature hold	Yes
Demagnetizing, <2A/cm	Yes
Thermal safety guard	Yes
Magnetic temperature probe	1
Temperature probe supplied	Yes

Digital Display	
Temperature	Yes
Time	Yes
Error message	Yes