

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
- 3 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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 Ref: TDS01-21-GB

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	