

TECHNICAL DATASHEET

## TIMKEN INDUCTION HEATERS

### VHIN 10

- Portable unit
- Heating capacity 15 kg (bearing weight)
- Available in 120V and 230V



# Portable design, suitable for on-site jobs.

## FEATURES & BENEFITS

- Safe - heater automatically selects the most effective power setting to ensure optimal and balanced heating.
- Microprocessor controlled.
- Temperature & Time control.

## APPLICATIONS

- Bearings, gears, rings, couplings
- Maintenance workshops.

## PART NUMBERS:

### HEATERS:

VHIN101US	VHIN10 120V US plug
VHIN101GB	VHIN10 120V UK plug
VHIN33010	VHIN10 230V US plug
VHIN10GB	VHIN10 230V UK plug
VHIN10	VHIN10 230V EU plug

### ACCESSORIES:

VHIN10011	VHIN10 YOKE 10x10x200 mm
VHIN10012	VHIN10 YOKE 14x14x200 mm
VHIN10013	VHIN10 YOKE 20x20x200 mm
VHIN10015	VHIN10 YOKE 40x40x200 mm
VHIN10016	VHIN10 YOKE 7x7x200 mm



Feature	Metric	Imperial
	General	
Power Rating, 230V	3,6 kVA	
Voltage/Current	230V/16A	
Different Voltage Option	120V/15A	
Frequency	50/60 Hz	
Swing Arm	No	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	15 kg	33,1 lbs.
Max. Weight Other Parts	10 kg	22,1 lbs.
Min. Bore Diameter,	10 mm	0,39"
Max OD	210 mm	8,3"
Max. Work Piece Width	120 mm	4,8"
Pole Dimensions		
Area between the poles Width x Height	120x130 mm	4.7 x 5.1"
Pole Section	40 mm	1,6"
Pole Height	130 mm	5,1"
Controls		
Temperature Control Max.Temp	150° C	302° F
Time Control Max.Time	0 – 30 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	10,14,40 mm	0.4,0.55,1.57"
Yokes, Optional	7,20 mm	0.28,0.79"
Support for Horizontal Heating	n/a	
Mobile	n/a	
Temperature Control	n/a	n/a
Dimensions		
Dimensions	460x240x280 mm	18.1x9.45x11.02"
Package Size	670x300x350 mm	26.4x11.8x13.8"
Mass Heater Body (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	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error Report	Yes	

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