

TECHNICAL DATASHEET

## TIMKEN INDUCTION HEATERS

### VHIN 33

- High Output, energy efficient TURBO model
- Heating capacity 40 kg (bearing weight)
- Available in 120V and 230V



# Turbo Model

## FEATURES & BENEFITS

- Powerful Turbo design.
- Maximum capacity for both work piece sizes and heating capability.
- Plug & Heat design model delivered with a molded plug.
- 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:

VHIN331	VHIN33 230V EU PLUG
VHIN331GB	VHIN33 230V UK PLUG
VHIN332GB	VHIN33 120V UK PLUG
VHIN332US	VHIN33 120V US PLUG
VHIN331US	VHIN33 230V US PLUG

### ACCESSORIES:

VHIN33010	VHIN33 YOKE 7X7X240 mm
VHIN33011	VHIN33 YOKE 10X10X240 mm
VHIN33012	VHIN33 YOKE 14X14X240 mm
VHIN33013	VHIN33 YOKE 20X20X240 mm
VHIN33014	VHIN33 YOKE 40X40X240 mm

Feature	Metric	Imperial
<b>General</b>		
Power Rating, 230V	3,6 kVA	
Voltage/Current	230V/16A	
Different Voltage Option	120V/15A	
Frequency	50/60 Hz	
Swing Arm	No	
Plug	Yes	
<b>Work Piece</b>		
Max. Weight of Bearings	40 kg	88.2 lbs.
Max. Weight Other Parts	25 kg	55.1 lbs.
Min. Bore Diameter – Horizontal/Vertical	10/100 mm	0.4"/4.0"
Max OD Vertical / Horizontal	350 mm	13.8"
Max. Work Piece Width	135 mm	5.3"
<b>Pole Dimensions</b>		
Area between the poles Width x Height	135 x 135 mm	5.3" x 5.3"
Pole Section	95 mm	3.7"
Pole Height	135 mm	5.3"
<b>Controls</b>		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 45 Min.	
Auto Power Reduction	Automatically	
<b>Options</b>		
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	Yes	
Mobile	n/a	
Temperature Control	n/a	n/a
<b>Dimensions</b>		
Dimensions	600 x 220 x 275 mm	23.6" x 8.7" x 10.8"
Package Size	670 x 300x 350 mm	26.34" x 11.4" x 13,8"
Mass Heater Body (including yokes)	23 kg	50.7 lbs.
<b>Miscellaneous</b>		
Sound Signal	Yes	
Temperature Hold	Yes	
Demagnetizing, <2 A/cm	Yes	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
<b>Digital Display</b>		
Temperature	Yes	
Time	Yes	
Error Report	Yes	

