

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
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	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"
Pole Dimensions		
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"
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 45 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	Yes	
Mobile	n/a	
Temperature Control	n/a	n/a
Dimensions		
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.
Miscellaneous		
Sound Signal	Yes	
Temperature Hold	Yes	
Demagnetizing, <2 A/cm	Yes	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error Report	Yes	

