

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

Plug & Heat Turbo Model

VHIN 33



Plug & Heat 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.
- TÜV certified.

APPLICATIONS

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

PART NUMBERS:

VHIN331	European Plug - 230V
VHIN331GB	UK Plug - 230V
VHIN331US	US Plug - 230V
VHIN331EN	South Africa Plug - 230V
VHIN332GB	UK Plug - 120V
VHIN332US	US Plug - 120V

Yokes:

VHIN33010	Yoke: 7x7x240
VHIN33011	Yoke: 10x10x240
VHIN33012	Yoke: 14x14x240
VHIN33013	Yoke: 20x20x240
VHIN33014	Yoke: 40x40x240



Feature	Metric	Imperial
General		
Power Rating	3,6 kVA	
Voltage/Current	240V/16A or 120V/15A	
Different Voltage Option	n/a	
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	10 mm	0.4"
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	Ø95/40 mm	Ø3.7"/1,6"
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", 0.6, 1.6"
Yokes, Optional	7, 20 mm	0.3", 0.8"
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	650 x 290 x 350 mm	25,6" x 11,4" x 13,8"
Mass Heater Body (including yokes)	23 kg	50,7 lbs.
Miscellaneous		
Sound Signal	Yes	
Temperature Hold	Yes	
Demagnetizing	Yes, <2 A/cm	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error Report	Yes	