

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

VHIN 600

- High Output, energy efficient TURBO model
- Powerful heater for heavy bearings up to 1200 kg.
- Available voltages 400V and 500V



Powerful heater for heavy bearings up to 1200 kg

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:

VHIN6001EU VHIN600 400V EU Plug
 VHIN6002EU VHIN600 500V EU Plug
 VHIN600US VHIN600 500V US Plug



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Feature	Metric	Imperial
General		
Power Rating, 400V	24VA	
Voltage/Current	400V/60A	
Different Voltage Option	500V/48A	
Frequency	50/60 Hz	
Sliding Yoke	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	1200 kg	2645.5 lbs.
Max. Weight Other Parts	900 kg	1984.2 lbs.
Min. Bore Diameter – Horizontal/Vertical	175/200 mm	6.9/7.9"
Max OD Vertical / Horizontal	1700 mm	66.9"
Max. Work Piece Width	750 mm	29.5"
Pole Dimensions		
Area between the poles Width x Height	750x600 mm	29.5x23.6"
Pole Section	200 mm	7.9"
Pole Height	600 mm	23.6"
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 99 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	100 mm	3.9"
Yokes, Optional	n/a	n/a
Support for Horizontal Heating	Yes	
Mobile	No	
Temperature Control	350°C	°F
Dimensions		
Dimensions	1600 x 700 x 1300 mm	39.4" x 19.7" x 51.2"
Package Size	1900x850x1550 mm	74.8x33.5x61.0"
Mass Heater Body (including yokes)	450 kg	992.1 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	