TECHNICAL DATASHEET
TIMKEN INDUCTION HEATER

Powerful heater for heavy components up to 600 kg.

VHIN 550

Powerful heater for heavy components up to 600 kg.

FEATURES & BENEFITS

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

APPLICATIONS

- Bearings, gears, rings, couplings
- Maintenance workshops

PART NUMBERS:

Heaters:

VHIN5502	VHIN550 400V EU Plug
VHIN5504US	VHIN550 500V US Plug

Accessories:

VHIN550015	Yoke 40X40X700mm
VHIN550016	Yoke 50X50X700mm
VHIN550017	Yoke 60X60X700mm
VHIN550019	Yoke 80X80X700mm

*Cord and plug to be installed by customer in keeping with local requirements.

261250

Feature	Metric	Imperial
General		
Power Rating 400V	24VA	
Voltage/Current	400V/60A	
Different Voltage Option	500V/48A	
Frequency	50/60 Hz	
Swing Arm	No	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	600 kg	1322.8 lbs.
Max. Weight Other Parts	350 kg	771.6 lbs.
Min. Bore Diameter - Horizontal/Vertical	60 mm	2.4 in.
Max OD Vertical / Horizontal	900 mm	35.4 in.
Max. Work Piece Width	400 mm	15.8 in.
Pole Dimensions		
Area between the poles Width x Height	400 x 390 mm	15.8 x 15.4in.
Pole Section	100 mm	3.9 in.
Pole Height	390 mm	15.4 in.
Controls		
Temperature Control Max.Temp	350° C	662° F
Time Control Max.Time	0 – 99 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	100 mm	3.9 in.
Yokes, Optional	40, 50, 60, 80 mm	1.6, 2, 2.4, 3.2 in.
Support for Horizontal Heating	Yes	
Mobile	No	
Temperature Control (heavy-duty probe)	350° C	662° F
Dimensions		
Dimensions	1000 x 500 x 1350 mm	39.4 x 19.7 x 53.2 in.
Package Size	1500 x 800 x 1750 mm	59.1 x 31.5 x 68.9 in.
Mass Heater Body (including yokes)	220 kg	485.0 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	