

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATER

Powerful heater for exceptionally heavy components up to 1250 kg.

VHIN 800



Powerful heater for exceptionally heavy components up to 1250 kg.

FEATURES & BENEFITS

- Maximum capacity for both work piece sizes and heating capability
- 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:

VHIN8002	400V	°C
VHIN8003	450V	°C
VHIN8004US	500V	°F

Yokes:

VHIN800017	Yoke 60X60X850
VHIN800019	Yoke 80X80X850
VHIN800021	Yoke 100X100X850
VHIN800022	Yoke 150X150X850

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



Feature	Metric	Imperial
General		
Power Rating	40VA	
Voltage/Current	400/450/500V / 100A	
Different Voltage Option	-	
Frequency	50/60 Hz	
Swing Arm	-	
Plug	-	
Work Piece		
Max. Weight of Bearings	1250 kg	2755.8 lbs.
Max. Weight Other Parts	750 kg	1653.5 lbs.
Min. Bore Diameter	85 mm	3.4 in.
Max OD Vertical / Horizontal	1400 mm	55.1 in.
Max. Work Piece Width	420 mm	16.5 in.
Pole Dimensions		
Area between the poles Width x Height	660 x 420 mm	26.0 x 16.5 in.
Pole Section	150 mm	5.9 in.
Pole Height	660 mm	26.0 in.
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 99 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	150 mm	5.9 in.
Yokes, Optional	60, 80, 100 mm	2.4, 3.2, 3.9 in.
Support for Horizontal Heating	Yes	
Mobile	No	
Temperature Control	480° C	896° F
Dimensions		
Dimensions	1500 x 600 x 1470 mm	59.1 x 23.6 x 57.9 in.
Package Size	1920 x 950 x 1720mm	75.6 x 37.4 x 67.7 in.
Mass Heater Body (including yokes)	660 kg	1455.1 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	