

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

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 & Time control.
- TÜV certified.

APPLICATIONS

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

PART NUMBERS:

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

Yokes:

VHIN800017	Yoke: 60x60x850
VHIN800019	Yoke: 80x80x850
VHIN800021	Yoke: 100x100x850
VHIN800022	Yoke: 150X150x850



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"
Max OD Vertical / Horizontal	1400 mm	55,1"
Max. Work Piece Width	420 mm	16,5"
Pole Dimensions		
Area between the poles Width x Height	660x420 mm	26.0 x 16.5"
Pole Section	150 mm	5.9"
Pole Height	660 mm	26,0"
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	5.9"
Yokes, Optional	60, 80, 100	2.4", 3.2", 3.9"
Support for Horizontal Heating	Yes	
Mobile	No	
Temperature Control	480°C	896°F
Dimensions		
Dimensions	1500x600x1470 mm	59.1x23.6x57.9"
Package Size	1920x950x1720 mm	75.6x37.4x67.7"
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	