

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATER

Extra powerful, mobile heater with swing arm.

VHIS 400



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FEATURES & BENEFITS

- Powerful Turbo design
- 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:

- VHIS4001 VHIS400 400V EU Plug
 VHIS4003US VHIS400 500V US Plug

Accessories:

- VHIS400015 VHIS400 Yoke 40X40X600mm
 VHIS400017 VHIS400 Yoke 60X60X600mm
 VHIS400019 VHIS400 Yoke 80X80X600mm

Feature	Metric	Imperial
General		
Power Rating 400V	12 kVA	
Voltage/Current	400V/30A	
Different Voltage Option	500V/24A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	550 kg	1212.5 lbs.
Max. Weight Other Parts	450 kg	992.8 lbs.
Min. Bore Diameter - Horizontal/Vertical	60/175mm	2.4/6.9 in.
Max OD Vertical / Horizontal	920mm	36.2 in.
Max. Work Piece Width	350mm	13.8 in.
Pole Dimensions		
Area between the poles Width x Height	365 x 305mm	14.4 x 12.0 in.
Pole Section	175mm	6.9 in.
Pole Height	305mm	12.0 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	80mm	3.2 in.
Yokes, Optional	40, 60mm	1.6, 2.4 in.
Support for Horizontal Heating	Yes	
Mobile	Yes	
Temperature Control	n/a	n/a
Dimensions		
Dimensions	1200 x 640 x 1000mm	47.2 x 25.2 x 39.4 in.
Package Size	1350 x 850 x 1180mm	53.2 x 33.5 x 46.5 in.
Mass Heater Body (including yokes)	205 kg	452.0 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	

