

TECHNICAL DATASHEET

## TIMKEN INDUCTION HEATERS

### VHIS 100

- Large capacity bench top heater with swing arm.
- Heating capacity 125 kg, (Max Bearing Weight)
- Available in 230V, 400V and 500V



# Large capacity bench-top model with swing arm.

## 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:

VHIS1008US	VHIS100 230V US Plug
VHIS1005	VHIS100 400V EU Plug
VHIS1011US	VHIS100 500V US Plug

### ACCESSORIES:

VHIS100013	VHIS100 YOKE 20x20x350 mm
VHIS100014	VHIS100 YOKE 30x30x350 mm
VHIS100015	VHIS100 YOKE 40x40x350 mm
VHIS100016	VHIS100 YOKE 50x50x350 mm
VHIS100018	VHIS100 YOKE 70x70x350 mm



Feature	Metric	Imperial
	General	
Power Rating, 400V	8 kVA	
Voltage/Current	400V/20A	
Different Voltage Option	230V/20A; 500V/16A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	125 kg	275.6 lbs.
Max. Weight Other Parts	75 kg	165.4 lbs.
Min. Bore Diameter - Horizontal/Vertical	30/110 mm	1.2"
Max OD Vertical / Horizontal	520 mm	20.9"
Max. Work Piece Width	200 mm	7.9"
Pole Dimensions		
Area between the poles Width x Height	200x180 mm	7.9 x 7.1"
Pole Section	70 mm	2.8"
Pole Height	210 mm	8.3"
Controls		
Temperature Control Max..Temp	240° C	464° F
Time Control Max..Time	0 – 60 Min.	
Auto Power Reduction	Automatically	
Options		
Yokes, Standard set	20, 70 mm	0.8, 2.8 mm
Yokes, Optional	30, 40, 50 mm	1.2, 1.6, 2.0 mm
Support for Horizontal Heating	Yes	
Mobile	n/a	
Temperature Control	n/a	n/a
Dimensions		
Dimensions	630x365x470 mm	24.8x14.4x18.5"
Package Size	800x600x700 mm	27.6x19.7x27.6"
Mass Heater Body (including yokes)	53 kg	116.8 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	