

TECHNICAL DATASHEET

## TIMKEN INDUCTION HEATERS

### VHIS 35

- Bench top model with swing arm
- Heating capacity 50 kg (bearing weight)
- Available in 120V and 230V



# Bench-top model

## 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:

VHIS35	VHIS35 230V EU Plug
VHIS35GB	VHIS35 230V UK Plug
VHIS352US	VHIS35 230V US Plug
VHIS351GB	VHIS35 120V UK Plug
VHIS353US	VHIS35 120V US Plug

### ACCESSORIES:

VHIS35011	VHIS35 YOKE 10X10X280 mm
VHIS35013	VHIS35 YOKE 20x20x280 mm
VHIS35014	VHIS35 YOKE 30x30x280 mm
VHIS35015	VHIS35 YOKE 40x40x280 mm
VHIS35016	VHIS 35 YOKE 50x50x280 mm
VHIS35017	VHIS35 YOKE 60x60x280 mm



Feature	Metric	Imperial
<b>General</b>		
Power Rating	3,6 kVA	
Voltage/Current	240V/16A	
Different Voltage Option	120V/15A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
<b>Work Piece</b>		
Max. Weight of Bearings	35 kg	77,2 lbs.
Max. Weight Other Parts	20 kg	44,1 lbs.
Min. Bore Diameter; horizontal/vertical	15/100 mm	0.6"
Max OD Vertical / Horizontal	340 mm	13.39"
Max. Work Piece Width	150 mm	5.9"
<b>Pole Dimensions</b>		
Area between the poles Width x Height	140 x 140 mm	5.9" x 5.5"
Pole Section	60 mm	2.4"
Pole Height	140 mm	5.5"
<b>Controls</b>		
Temperature Control Max.Temp	240°C	464°F
Time Control Max.Time	0 – 45 Min.	
Auto Power Reduction	Automatically	
<b>Options</b>		
Yokes, Standard set	14, 30, 60 mm	0.6", 1.2", 2.4"
Yokes, Optional	10, 20, 40, 50 mm	0.4", 0.8", 1.6", 2.0"
Support for Horizontal Heating	Yes	
Mobile	n/a	
Temperature Control	n/a	n/a
<b>Dimensions</b>		
Dimensions	340x290x380 mm	13.4"x11.4"x15.0"
Package Size	600x450x600 mm	23.6"x17.7"x23.6"
Mass Heater Body (including yokes)	31 kg	68,3 lbs.
<b>Miscellaneous</b>		
Sound Signal	Yes	
Temperature Hold	Yes	
Demagnetizing, <2 A/cm	Yes	
Thermal Safety Guard	Yes	
Magnetic Temperature Probe	Yes	
<b>Digital Display</b>		
Temperature	Yes	
Time	Yes	
Error Report	Yes	