

TECHNICAL DATASHEET

TIMKEN INDUCTION HEATERS

VHIS 75

- High Output, energy efficient TURBO model
- Swing arm
- Heating capacity 95 kg (Max bearing weight)
- Available in 120V and 230V



Turbo Model with Swing Arm

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:

VHIS751	VHIS75 230V EU Plug
VHIS751GB	VHIS75 230V UK Plug
VHIS754US	VHIS75 120V US Plug
VHIS753US	VHIS75 230V US Plug
VHIS752GB	VHIS75 120V UK Plug

ACCESSORIES:

VHIS75010	VHIS75 YOKE 10x10x350 mm
VHIS75011	VHIS75 YOKE 14x14x350 mm
VHIS75012	VHIS75 YOKE 20x20x350 mm
VHIS75013	VHIS75 YOKE 30x30x350 mm
VHIS75014	VHIS75 YOKE 40x40x350 mm
VHIS75015	VHIS75 YOKE 50x50x350 mm
VHIS75016	VHIS 75 YOKE 60x60x350 mm



Feature	Metric	Imperial
	General	
Power Rating, 230V	3,6 kVA	
Voltage/Current	240V/16A	
Different Voltage Option	120V/20A	
Frequency	50/60 Hz	
Swing Arm	Yes	
Plug	Yes	
Work Piece		
Max. Weight of Bearings	95 kg	209,4 lbs.
Max. Weight Other Parts	50 kg	110,2 lbs.
Min. Bore Diameter, Horizontal/Vertical	15/120 mm	0.6/4.8"
Max OD Vertical / Horizontal	480 mm	20.5"
Max. Work Piece Width	200 mm	9,1"
Pole Dimensions		
Area between the poles Width x Height	200x230 mm	7.9x9.1"
Pole Section	60 mm	4.7"
Pole Height	230 mm	9,1"
Controls		
Temperature Control Max.Temp	240° C	464° F
Time Control Max.Time	0 – 45 Min.	
Auto Power Reduction	Automatically	
Options		
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
Dimensions		
Dimensions	440x370x420 mm	17.3x14.6x14.2"
Package Size	700x500x700 mm	27.6x19.7x27.6"
Mass Heater Body (including yokes)	37 kg	81.57 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	