

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2/G3-600

- Heating capacity up to 1200 kg (workpiece weight)
- Available voltages 400V and 500V



Powerful heater for heavy bearings up to 1200 kg.

FEATURES & BENEFITS

G2 MODELS

- Single temperature measurement
- Digital display
- With swivel arm
- 1 yoke included

G3 MODELS *(in addition to G2 model features)*

- Easy-to-use touchscreen
- Log function to store or export data
- Ability to create a proof-of-work report for customers
- Heating capabilities according to a preset temperature/time curve
- Delta-T selectable double temperature probe

APPLICATIONS

- Bearings, gears, rings, couplings
- Maintenance workshops

PART NUMBERS:

Heater	VHIN-G2-600-400VEU	Yoke	VHIY-40X40X725
Heater	VHIN-G2-600-500VEU	Yoke	VHIY-50X50X725
Heater	VHIN-G2-600-500VUS	Yoke	VHIY-60X60X725
Heater	VHIN-G3-600-400VEU	Yoke	VHIY-80X80X725
Heater	VHIN-G3-600-500VEU	Yoke	VHIY-100X100X725
Heater	VHIN-G3-600-500VUS		

Induction heating is a superior, fast and controlled heating method. It is a safer and more environmentally friendly alternative to traditional heating methods such as ovens or oil baths. These methods cause fumes or oil waste and are not recommended for personal health and safety.

Do not heat with blow torches.



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Ref: TDS002-GB

General		
Power rating 230V / 240V	24 kVA	
Power rating 120V	—	
Voltage/Amp	400V/60A, 500V/48A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max.weight of the workpiece	1200 kg	2645.5 lbs.
Min. bore diameter	175/200 mm	6.9, 7.9"
Max. OD	1700 mm	66.9"
Max. workpiece width	750 mm	29.5"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	750x600 mm	29.5x23.6"
Pole height	600 mm	23.6"
Controls		
	Metric	Imperial
Max. temp	240° C	464° F
Max. time range	0-99 min.	
Auto power reduction	Yes	
Options		
	Metric	Imperial
Yokes (standard set)	100 mm	3.9"
Yokes (optional)	40, 50, 60, 80 mm	1.6, 2, 2.4, 3.2"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	1600x700x1300 mm	39.4x19.7x51.2"
Package size	1900x850x1550 mm	74.8x33.5x61.0"
Heater weight (including yokes)	450 kg	992.1 lbs.
Miscellaneous		
Sound signal	Yes	
Temperature hold	Yes	
Demagnetizing <2A/cm	Yes	
Thermal safety guide	Yes	
Magnetic temperature probe – G2/G3	1/2	
Temperature probe supplied	Yes	
Digital Display		
Temperature	Yes	
Time	Yes	
Error message	Yes	