

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2/G3-600

- Heating capacity up to 800 kg (workpiece weight)
- Heavy-duty model



Powerful heater for heavy bearings up to 800 kg.

FEATURES & BENEFITS

G2 MODELS

- Single temperature measurement
- Digital display
- 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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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	800 kg	1763.7 lbs
Min. bore diameter	260/60 mm	10.2" / 2.4"
Max. OD	1150 mm	45.3"
Max. workpiece width	430 mm	16.9"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	180 x 180 mm	7.1 x 7.1"
Pole height	515 mm	20.3"
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	1080x650x955 mm	42.5x25.6x37.6"
Package size	1200x800x1180 mm	47.2x31.5x46.5"
Heater weight (including yokes)	360 kg	794 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	