

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2/G3-800

- Heating capacity up to 1250 kg (workpiece weight)
- Available voltages 400V and 500V



Powerful heater for exceptionally heavy components up to 1250 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-G2-800-400VEU	Yoke	VHIY-60X60X1140
Heater	VHIN-G2-800-500VUS	Yoke	VHIY-80X80X1140
Heater	VHIN-G3-800-400VEU	Yoke	VHIY-100X100X1140
Heater	VHIN-G3-800-500VUS	Yoke	VHIY-150X150X1140

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	40 kVA	
Power rating 120V	—	
Voltage/Amp	400V/100A, 500V/80A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max.weight of the workpiece	1250 kg	2755.8 lbs.
Min. bore diameter	85 mm	3.4"
Max. OD	1400 mm	55.1"
Max. workpiece width	420 mm	16.5"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	660x420 mm	26.0 x 16.5"
Pole height	660 mm	26,0"
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)	150 mm	5.9"
Yokes (optional)	60, 80, 100 mm	2.4, 3.2, 3.9"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	1500x600x1470 mm	59.1x23.6x57.9"
Package size	1920x950x1720 mm	75.6x37.4x67.7"
Heater weight (including yokes)	660 kg	1455.1 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	