

TECHNICAL DATASHEET

TIMKEN® INDUCTION HEATER

VHIN-G2/G3-35

- Portable unit
- Heating capacity 50 kg (workpiece weight)
- Available in 120V and 230V



Portable design, suitable for on-site jobs.

FEATURES & BENEFITS

G2 MODELS

- Portable induction heater
- Single temperature measurement
- Digital display
- 3 yokes 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

PART NUMBERS:

Heater VHIN-G2-35-230VEU	Yoke VHIY-7X7X200
Heater VHIN-G2-35-230VGB	Yoke VHIY-10X10X200
Heater VHIN-G2-35-230VUS	Yoke VHIY-14X14X200
Heater VHIN-G2-35-120VUS	Yoke VHIY-20X20X200
Heater VHIN-G3-35-230VEU	Yoke VHIY-40X40X200
Heater VHIN-G3-35-230VUS	Yoke VHIY-40X50X200
Heater VHIN-G3-35-120VUS	
Heater VHIN-G3-35-230VGB	

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.



General		
Power rating 230V / 240V	3.0 kVA	
Power rating 120V	1.5 kVA	
Voltage/Amp	120V/13A. 230V/13A	
Frequency	50/60	
Workpiece min./max sizes		
	Metric	Imperial
Max. weight of the workpiece	50 kg	110.2 lbs.
Min. bore diameter	10/65 mm	0.39/2.65"
Max. OD	400 mm	15.7"
Max. workpiece width	120 mm	4.72"
Swing arm	No	
Pole Dimensions		
	Metric	Imperial
Pole dimensions	40x50 mm	1.57/2'
Pole height	130 mm	5.12"
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)	7, 14, 40x50 mm	0.28, 0.55, 1.57/2"
Yokes (optional)	10, 20, 40 mm	0.4, 0.79, 1.57"
Support for horizontal heating	Yes	
Mobile	No	
Temperature control	Yes	
Dimensions		
	Metric	Imperial
Dimensions	600x226x272 mm	23.6x8.9x10.7"
Package size	650x290x360 mm	25.6x11.4x14.2"
Heater weight (including yokes)	21 kg	46.3 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	