Induction heaters

IHN010

The lightweight portable device with convincing performanceperformance for bearings up to 10 kg

- > Portable, compact and very light 3.5 kg
- A bearing weighing 5 kg can be heated to 230°F in under four minutes
- Silent operation
- No support yoke required simply place the workpiece on the device
- Predictive temperature control (PTC) software for automatic temperature monitoring



IHN080

For heating small and medium size bearings with a weight up to 80 kg, the IHN080 is the perfect choice.

- › Available in two power versions: 230 V/50 Hz and 110 V/60 Hz
- > Three yokes are included
- Very compact design, 35 kg overall weight including three yokes
- > Swivel arm is available as an option
- > Other power versions are available on request



For heating small and medium size bearings with a weight up to 120 kg and for permanent operation, the IHN120 is the best solution.

- > Available in the power versions 400 V/50 Hz and 460 V/60 Hz
- > Three yokes are included
- Very compact design, 38 kg overall weight including three vokes
- > Swivel arm is included

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- > Fan radiator for permanent operation is included
- > Other power versions are available on request





IHN300

The IHN300 is a large and exceptionally powerful high end induction heater for larger bearings up to 300 kg

- > Available in the power versions 400 V/50Hz or 460 V/60 Hz.
- A sliding arm permits easy placement and removal of the bearing.
- > Two yokes are included.
- Compact design, 75 kg overall weight including two yokes.
- › A fan version IHN300F for permanent operation is available.
- > Other power versions are available on request.



IHN800

Fast and safe heating of large workpieces

- Fast heating of extremely large size components, e. g. a bearing of 445 kg weight can be heated up to 110 °C in only 10 minutes (temperature at the inner ring).
- > Designed for easy transport using a fork lift truck.
- > Automatic demagnetization of the workpiece.



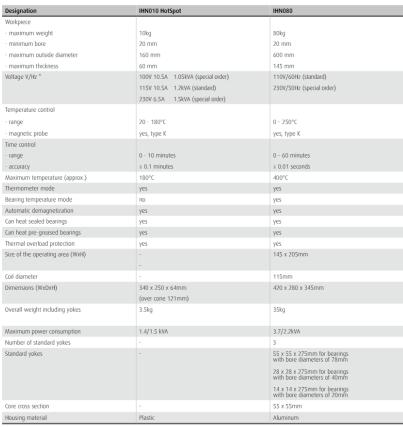
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Induction heaters

Technical Data













IHN120	IHN300	IHN800
120kg	300kg	up to 1200kg
20 mm	60 mm	142 mm
600 mm	850 mm	1200 mm
145 mm	250 mm	330 mm
400V/50Hz - 460V/60Hz (standard)	400V/50Hz - 460V/60Hz (standard)	400V/50Hz - 460V/60Hz (standard)
500V/50Hz - 575V/60Hz (special order)	500V/50Hz - 575V/60Hz (special order)	500V/50Hz - 575V/60Hz (special order)
0 - 250°C	0 - 250°C	0 - 250°C
yes, type K	yes, type K	yes, type J
0 - 60 minutes	0 – 60 minutes	0 – 60 minutes
± 0.01 seconds	± 0.01 seconds	± 0.01 seconds
400°C	400°C	400°C
yes	yes	yes
145 x 205mm	250 x 250mm	330 x 355mm
115mm	135mm	186mm
420 x 280 x 420mm	600 x 350 x 420mm	750 x 400 x 935mm
38kg	75kg	300kg
6.4/7.4kVA	10/11.5kVA	24/27.6kVA
3	2	1
55 x 55 x 275mm for bearings with bore diameters of 78mm	$70 \times 70 \times 420 mm$ for bearings with bore diameters of 100 mm	100 x 100 x 570mm for bearings with bore diameters of 142mm
28 x 28 x 275mm for bearings with bore diameters of 40mm	40 x 40 x 420mm for bearings with bore diameters of 60mm	
14 x 14 x 275mm for bearings with bore diameters of 20mm		
55 x 55mm	70 x 70 mm	100 x 100mm
Aluminum	Aluminum	Steel

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^{*}Other power versions are available upon request.