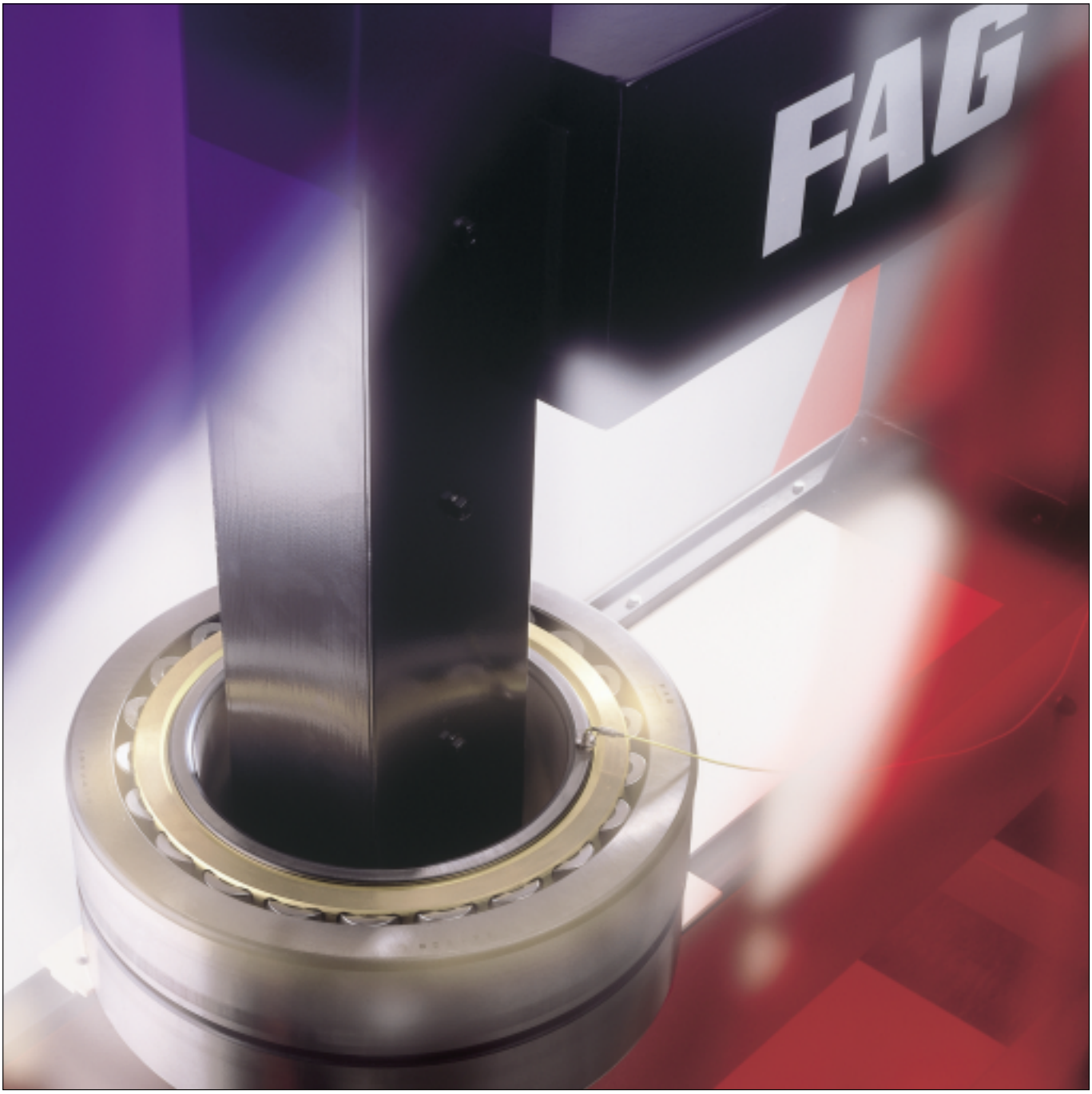
Technical Information

TI No. WL 80-47 E March 2000

FAG Rolling Bearings

FAG Induction Heating Devices
AWG.MINI · AWG3,5 · AWG8
AWG13 · AWG25 · AWG40



Induction heating devices

Application · Advantages · Basic principle · Safety

Application

Many rolling bearings and other rotationally symmetric steel parts are fitted tightly on the shaft. Especially larger parts can be considerably easier fitted if they are heated prior to mounting (rolling bearings up to a maximum of 120 °C). Induction heating is superior to traditional methods such as heating furnaces, heating plates or oil baths.

The induction heating methods are fast and clean. They are, therefore, particularly suitable for batch mounting. The devices can be used for heating complete bearings, rings of cylindrical roller bearings or needle roller bearings, as well as other rotationally symmetric steel parts such as labyrinth rings, roll couplings, tyres, etc.

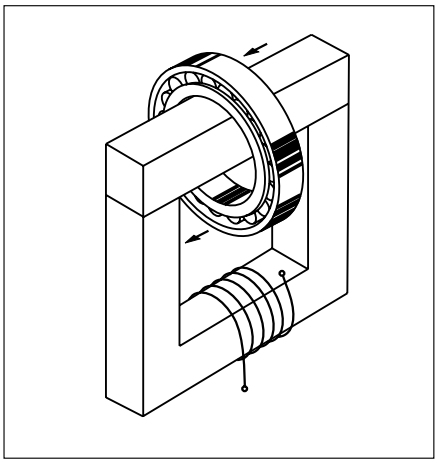
FAG offers six sizes of induction heating devices which cover a wide range of applications.

Advantages

- fast, energy-saving working
- suitable for rolling bearings and other ring-shaped steel parts
- extremely safe operation
- environmentally compatible, no oil required (no disposal)
- uniform, controlled heating
- simple operation
- automatic demagnetization
- very efficient as the most suitable size can be selected for every application

Basic principle

Basically, the heating device consists of a live coil with an iron core (primary coil) which induces in a short-circuited secondary circuit (rolling bearing or other steel part) a high current at low voltage. The part to be mounted is heated quickly. Non-metallic components and the device itself are not heated.



Safety

The FAG induction heating devices bear the CE symbol.

Operating errors or malfunctions are indicated by an acoustic or optical signal. This may happen if the temperature sensor is not correctly attached, if the sensor or the sensor wire is damaged, or if the part to be heated is too heavy for the device.

Every induction heating device generates a strong magnetic field. Such a magnetic field can have a negative effect on pacemakers and watches, disks, credit cards and other data carriers as well as electronic circuits in instruments. The safety distance is two meters.

The devices must not be used in a damp environment or in hazardous locations.

Every device comes with detailed operating instructions and safety gloves.

Induction heating devices

Programme

Programme of FAG induction heating devices (basic designs*)

Heating device	AWG.MINI	AWG3,5	AWG8
			
max. power consumption	3.5 kVA	3.5 kVA	8 kVA
Voltage/Frequency	230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz
Current	16 A	16 A	20 A
Weight	19 kg	45 kg	56 kg
Length	420 mm	320 mm	470 mm
Width	230 mm	330 mm	310 mm
Height	265 mm	335 mm	455 mm
Ledges (incl.)	14x14x200 mm 20x20x200 mm 30x30x200 mm 40x40x200 mm	20x20x270 mm 30x30x270 mm 40x40x270 mm 60x60x270 mm	70x70x350 mm
Clear width between supports	120 mm	145 mm	210 mm
Clear height	140 mm	155 mm	195 mm
Ledges (accessories)	-	14x14x270 mm 17.5x17.5x270 mm 24.5x24.5x270 mm	20x20x350 mm 30x30x350 mm 40x40x350 mm 50x50x350 mm 60x60x350 mm
Workpiece			
max. width	120 mm	145 mm	210 mm
max. weight	20 kg	40 kg	100 kg

* On request FAG will also supply heating devices with other rated voltages and frequencies.

	AWG13	AWG25	AWG40
			
	13 kVA	25 kVA	40 kVA
	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
	32 A	63 A	100 A
	108 kg	350 kg	600 kg
	1000 mm	1045 mm	1800 mm
	500 mm	500 mm	685 mm
	1000 mm	1370 mm	1400 mm
	80x80x490 mm	100x100x700 mm	150x150x850 mm
	330 mm	385 mm	600 mm
	300 mm	420 mm	450 mm
	20x20x490 mm 30x30x490 mm 40x40x490 mm 60x60x490 mm	30x30x700 mm 40x40x700 mm 60x60x700 mm 80x80x700 mm	60x60x850 mm 80x80x850 mm 100x100x850 mm
	330 mm	385 mm	600 mm
	200 kg	400 kg	800 kg

Heating devices with higher power on request.

Induction heating devices
AWG.MINI

Induction heating device AWG.MINI

The FAG induction heating device AWG.MINI is suitable for bearings with bore diameters of 20 mm and more, and weighing up to 40 kg. Sealed, greased bearings and other rotationally symmetric steel parts can also be heated.

The heating device comes with support ledges and magnetic temperature sensor in a sturdy, scratch-resisistant case which is easy to handle. It is particularly suitable for mobile fitting missions.

The two lateral supports carry the support ledge with the part to be heated. The case contains four different support ledges for various workpiece sizes.

The contact areas of the support ledges and supports are ground so that energy losses are kept low.

The heating device can be connected to any normal, 16-A two-pin safety socket. The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof. All operating modes and functions can be controlled by means of four keys.

The device offers temperature hold and time control modes.

In the temperature hold mode the heat-up temperature is adjusted between 50 and 240°C. The device holds the workpiece at the preselected temperature, which is monitored by the attached magnetic temperature sensor. When the selected temperature is reached the device emits a buzzing sound and the display flashes. When the Stop key is pressed the part is automatically demagnetized.

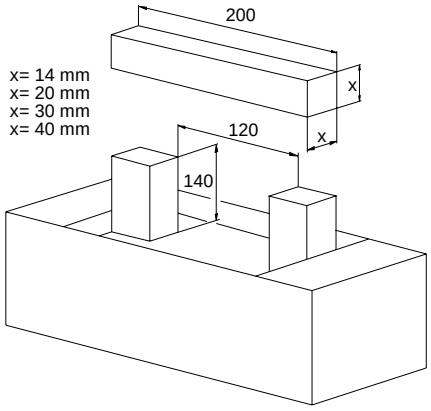
In the time control mode the desired heat-up time (up to 100 minutes) is set. After the selected period the bearing is automatically demagnetized. A prolonged buzzing sound indicates the end of the process. During the heating process the magnetic temperature sensor can be attached, and the temperature measured. The time control mode is especially convenient if several bearings of the same size have to be heated. During the first heating cycle the time needed to reach the required temperature is stored. Then each bearing of the batch is heated for the same period of time.

Order designation:
AWG.MINI

Induction heating devices
AWG.MINI · Technical data

General data

Time control	adjustable between 0 and 100 min
Temperature hold	adjustable between 50 and 240 °C, with safety mechanism for rolling bearings
Bearing bore d	min. 20 mm
Bearing weight G	max. 20 kg



Electrical data

Operating voltage	230 V
Frequency	50 cps
Power consumption	3.5 kVA
Rated current	16 A
Retained magnetism	< 2 A/cm
Operating cycle	100 %

Scope of delivery: Device, ready for service, with 4 support ledges (14, 20, 30, 40) and magnetic temperature sensor in a carrying case

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device	AWG.MINI	420x230x265	20	19

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Support ledge	AWG.MINI.L14	14x14x200	20	0.3
Support ledge	AWG.MINI.L20	20x20x200	30	0.6
Support ledge	AWG.MINI.L30	30x30x200	45	1
Support ledge	AWG.MINI.L40	40x40x200	60	2.5
Magnetic temperature sensor	AWG.M			0.05
Electronic spare parts kit	AWG.MINI.E			0.45

Induction heating devices
AWG3,5

Induction heating devices

The FAG induction heating device AWG3,5 is suitable for bearings with bore diameters of 30 mm (with accessories 20 mm) and more, and weighing up to 40 kg. Sealed, greased bearings and other rotationally symmetric steel parts can also be heated.

The heating device has a sturdy, scratch-resistant polyurethane housing. It can be easily handled thanks to its lateral handholds.

The two lateral supports carry the support ledge with the part to be heated. FAG provides four different support ledges for various workpiece sizes in a metal box (three more support ledges are available as special accessories).

The contact areas of the support ledges and supports are ground so that energy losses are kept low.

The heating device can be connected to any normal, 16-A two-pin safety socket.

The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof. All operating modes and functions can be controlled by means of six keys.

The device offers temperature hold, temperature control and time control modes.

In the temperature hold mode a heat-up temperature of up to 240°C is set. The device holds the workpiece at the preselected temperature. After about every 30 seconds a buzzing sound indicates that the selected temperature has been reached. When the Stop key is pressed the part is automatically demagnetized.

In the temperature control mode the desired heat-up temperature is set in steps of 1°C. After the preselected temperature is reached the bearing (workpiece) is automatically demagnetized. A prolonged buzzing sound indicates the end of the process.

In the time control mode the desired heat-up time (up to 999 s) is set in 1-second steps. After the selected period the bearing is automatically demagnetized. A prolonged buzzing sound indicates the end of the process. The time control mode is especially convenient if batches of identical bearings have to be heated. During the first heating cycle the time needed to reach the specified temperature is stored. Then each bearing of the batch is heated for the same period of time. The magnetic temperature sensor does not have to be attached.

Additional functions

- Power reduction
- Selected and actual temperatures and times are displayed
- Menu guidance in 9 languages
- Temperature display either in °C or °F

Accessories

For parts with a smaller bore diameter the following accessories are available:

- 20 mm and more
  Support ledge 14x14x270 mm
  Order designation: AWG3,5.L14
- 25 mm and more
  Support ledge 17.5x17.5x270 mm
  Order designation: AWG3,5.L17
- 35 mm and more
  Support ledge 24.5x24.5x270 mm
  Order designation: AWG3,5.L24

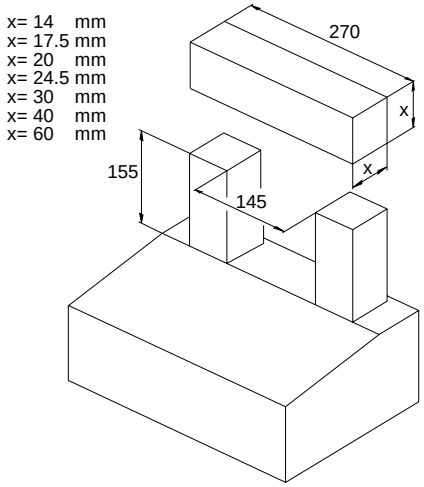
Order designation: AWG3,5

Induction heating devices

AWG3,5 · Technical Data

General Data

Time control	adjustable up to 999 s
Temperature hold/ Temperature control	adjustable up tp 240 °C, with safety mechanism for rolling bearings
Bearing bore d	min. 30 mm (with accessories, min. 20 mm)
Bearing weight G	max. 40 kg



Electrical Data

Operating voltage	220 V to 240 V	Rated current	16 A
Frequency	50 cps	Retained magnetsim	< 2 A/cm
power consumption	3.5 kVA	Operating cycle	100 %

Scope of delivery: Device, ready for service, in a metal box, with 4 support ledges (20, 30, 40, 60) and magnetic temperature sensor

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device, complete	AWG3,5	320x330x335	30	45

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Metal box	AWG3,5.BOX			
Support ledge	AWG3,5.L20	20x20x270	30	0.8
Support ledge	AWG3,5.L30	30x30x270	45	1.4
Support ledge	AWG3,5.L40	40x40x270	60	3.4
Support ledge	AWG3,5.L60	60x60x270	85	7.6
Magnetic temperature sensor	AWG3,5.M			
Elektronic spare parts kit	AWG3,5.E			

Accessories

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Support ledge	AWG3,5.L14	14x14x270	20	0.4
Support ledge	AWG3,5.L17	17.5x17.5x270	25	0.6
Support ledge	AWG3,5.L24	24.5x24.5x270	35	1.3

Special design

This device is also available for a rated voltage of 110 V/60 Hz.
Order designation: AWG3,5.V110

Induction heating devices
AWG8

Induction heating device AWG8

The FAG induction heating device AWG8 is suitable for heating ring-shaped metal workpieces with bore diameters of 100 mm (with accessories 30 mm) and more to a maximum temperature of 240°C. The workpieces may weigh up to 100 kg.

The heating device has a sturdy, scratch-resistant polyurethane housing.

The slewing mechanism facilitates the loading of heavy parts. The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof.

The basic design of the device comes with a magnetic temperature sensor which can be used up to 240 °C. The rated voltage is 400 V, the frequency 50 cps.

The device offers temperature hold, temperature control and time control modes.

In the temperature hold mode the heat-up temperature is freely adjusted between 50 and 240 °C. The device holds the workpiece at the previously selected temperature. When the Stop key is pressed the part is automatically demagnetized.

In the temperature control mode the desired heat-up temperature is freely adjusted between 50 and 240 °C. After the preselected temperature is reached the workpiece is automatically demagnetized; the device switches off. A prolonged buzzing sound indicates the end of the process.

In the time control mode the desired heat-up time (up to 100 minutes) is freely adjusted. After the selected period the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

The time control mode is especially convenient if batches of identical bearings or workpieces have to be heated. During the first heating cycle the time needed to reach the required temperature is stored. Then each bearing of the batch is heated for the same period of time. The temperature sensor does not have to be attached.

Additional functions

- Demagnetization without heating
- Power reduction
- Programme interruption
- Actual temperatures can be called up

Accessories

For parts with a smaller bore diameter the following accessories are available:

- 30 mm and more
  Slewing ledge 20x20x350 mm
  Order designation: AWG8.L20
- 45 mm and more
  Slewing ledge 30x30x350 mm
  Order designation: AWG8.L30
- 60 mm and more
  Slewing ledge 40x40x350 mm
  Order designation: AWG8.L40
- 75 mm and more
  Slewing ledge 50x50x350 mm
  Order designation: AWG8.L50
- 85 mm and more
  Slewing ledge 60x60x350 mm
  Order designation: AWG8.L60

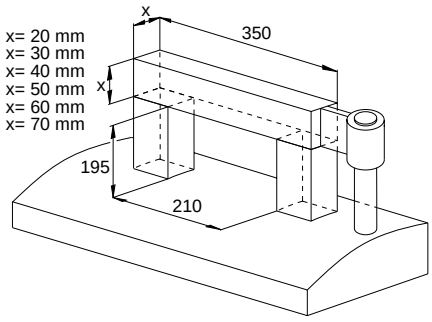
Order designation: AWG8

Induction heating devices

AWG8 · Technical data

General Data

Time control	adjustable from 0 to 100 min
Temperature hold/ Temperature control	adjustable from 50 to 240 °C, with safety mechanism for rolling bearings
Bearing bore d	min. 100 mm (with accessories, min. 30 mm)
Bearing weight G	max. 100 kg



Electrical Data

Operating voltage	400 V	Rated current	20 A
Frequency	50/60 cps	Retained magnetism	< 2 A/cm
Power consumption	8 kVA		

Scope of delivery: Device, ready for service, with slewing ledge 70x70x350 mm, and magnetic temperature sensor

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device, complete	AWG8	470x310x455	100	56

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Slewing ledge	AWG8.L70	70x70x350	100	12.8
Magnetic temperature sensor	AWG.M			0.05
Electronic spare parts kit	AWG8.E			0.45

Accessories

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Slewing ledge	AWG8.L20	20x20x350	30	1.04
Slewing ledge	AWG8.L30	30x30x350	45	2.4
Slewing ledge	AWG8.L40	40x40x350	60	4.2
Slewing ledge	AWG8.L50	50x50x350	75	6.55
Slewing ledge	AWG8.L60	60x60x350	85	9.4

Special designs

This device is also available for rated voltages of 200 V, 270 V, 440 V, 480 V, and 600 V.
Order designation, e.g. for 480 V: AWG8.V480

Induction heating devices
AWG13

Induction heating device AWG13

The FAG induction heating device AWG13 is suitable for heating ring-shaped metal workpieces with bore diameters of 115 mm (with accessories 30 mm) and more to a maximum temperature of 240°C. The workpieces may weigh up to 200 kg.

The solid-steel device is mounted on a sturdy trolley. A slewing mechanism facilitates the loading of heavy parts. The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof.

The basic design of the device comes with a magnetic temperature sensor which can be used up to 240°C. The rated voltage is 400 V, the frequency 50 cps.

The device offers temperature hold, temperature control and time control modes.

In the temperature hold mode a heat-up temperature between 50 and 240°C is freely adjusted. The device holds the workpiece at the preselected temperature. When the Stop key is pressed the part is automatically demagnetized.

In the temperature control mode the desired heat-up temperature is freely adjusted between 50 and 240°C. After the preselected temperature is reached the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

In the time control mode the desired heat-up time (up to 100 minutes) is freely adjusted. After the selected period the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

The time control mode is especially convenient if batches of identical bearings or workpieces have to be heated. During the first heating cycle the time needed to reach the required temperature is stored. Then each bearing of the batch is heated for the same period of time. The temperature sensor does not have to be attached.

Additional functions

- Demagnetization without heating
- Power reduction
- Programme interruption
- Selected and actual temperatures and times are displayed

Accessories

For parts with a smaller bore diameter the following accessories are available:

- 30 mm and more
  Slewing ledge 20x20x490 mm
  Order designation: AWG13.L20
- 45 mm and more
  Slewing ledge 30x30x490 mm
  Order designation: AWG13.L30
- 60 mm and more
  Slewing ledge 40x40x490 mm
  Order designation: AWG13.L40
- 85 mm and more
  Slewing ledge 60x60x490 mm
  Order designation: AWG13.L60

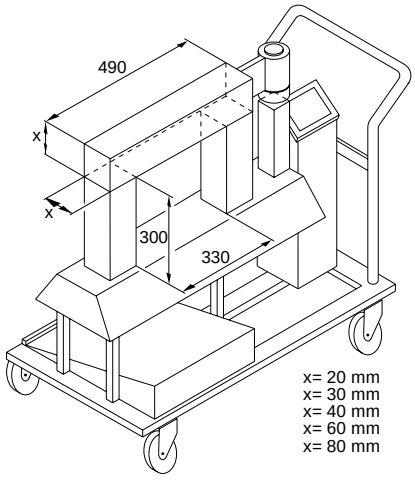
Order designation: AWG13

Induction heating devices

AWG13 · Technical data

General data

Time control	adjustable from 0 to 100 min
Temperature hold/ Temperature control	adjustable from 50 to 240°C, with safety mechanism for rolling bearings
Bearing bore d	min. 115 mm (with accessories, min. 30 mm)
Bearing weight G	max. 200 kg



Electrical data

Operating voltage	400 V	Rated current	32 A
Frequency	50/60 cps	Retained magnetism	< 2 A/cm
Power consumption	13 kVA		

Scope of delivery: Device, ready for service, with slewing ledge 80x80x490 mm, and magnetic temperature sensor

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device, complete	AWG13	1000x500x1000	115	108

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Slewing ledge	AWG13.L80	80x80x490	115	24
Magnetic temperature sensor	AWG.M			0.05
Electronic spare parts kit	AWG13.E			0.45

Accessories

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Slewing ledge	AWG13.L20	20x20x490	30	2
Slewing ledge	AWG13.L30	30x30x490	45	4
Slewing ledge	AWG13.L40	40x40x490	60	9
Slewing ledge	AWG13.L60	60x60x490	85	14

Special designs:

This device is also available for rated voltages of 200 V, 270 V, 440 V, 480 V, and 600 V.

Order designation, e. g. for 480 V: AWG13.V480

Induction heating devices
AWG25

Induction heating device AWG25

The FAG induction heating device AWG25 is suitable for heating ring-shaped metal workpieces with bore diameters of 145 mm (with accessories 45 mm) and more to a maximum temperature of 240 °C. The workpieces may weigh up to 400 kg.

The solid-steel device is coated with synthetic resin which is resistant to impacts and corrosion.

The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof.

The basic design of the device comes with a magnetic temperature sensor which can be used up to 240 °C. The rated voltage is 400 V, the frequency 50 cps.

The device offers temperature hold, temperature control and time control modes.

In the temperature hold mode a heat-up temperature between 50 and 240 °C is freely adjusted. The device holds the workpiece at the preselected temperature. When the Stop key is pressed the part is automatically demagnetized.

In the temperature control mode the desired heat-up temperature is freely adjusted between 50 and 240 °C. After the preselected temperature is reached the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

In the time control mode the desired heat-up time (up to 100 minutes) is freely adjusted. After the selected period the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

The time control mode is especially convenient if batches of identical bearings or workpieces have to be heated. During the first heating cycle the time needed to reach the required temperature is stored. Then each bearing of the batch is heated for the same period of time. The temperature sensor does not have to be attached.

Additional functions

- Demagnetization without heating
- Programme interruption

Accessories

For parts with a smaller bore diameter the following accessories are available:

- 45 mm and more
  Ledge 30x30x700 mm
  Order designation: AWG25.L30
- 60 mm and more
  Ledge 40x40x700 mm
  Order designation: AWG25.L40
- 85 mm and more
  Ledge 60x60x700 mm
  Order designation: AWG25.L60
- 115 mm and more
  Ledge 80x80x700 mm
  Order designation: AWG25.L80

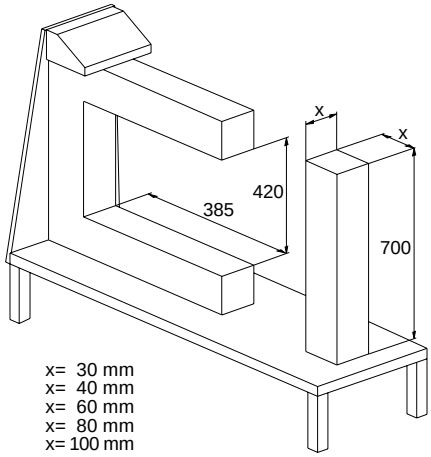
Order designation: AWG25

Induction heating devices

AWG25 · Technical data

General data

Time control	adjustable from 0 to 100 min
Temperature hold/ Temperature control	adjustable from 50 to 240°C, with safety mechanism for rolling bearings
Bearing bore d	min. 145 mm (with accessories, min. 45 mm)
Bearing weight G	max. 400 kg



Electrical data

Operating voltage	400 V	Rated current	63 A
Frequency	50/60 cps	Retained magnetism	< 2 A/cm
Power consumption	25 kVA		

Scope of delivery: Device, ready for service, with ledge 100x100x700 mm and magnetic temperature sensor

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device, complete	AWG25	1045x500x1370	145	350

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Ledge	AWG25.L100	100x100x700	145	52.4
Magnetic temperature sensor	AWG.M			0.05
Electronic spare parts kit	AWG25.E			0.45

Accessories

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Ledge	AWG25.L30	30x30x700	45	4.7
Ledge	AWG25.L40	40x40x700	60	8.4
Ledge	AWG25.L60	60x60x700	85	18.8
Ledge	AWG25.L80	80x80x700	115	33.5

Special designs:

This device is also available for rated voltages of 200 V, 270 V, 440 V, 480 V, and 600 V.

Order designation, e. g. for 480 V: AWG25.V480

Induction heating devices
AWG40

Induction heating device AWG40

The FAG induction heating device AWG40 is suitable for heating ring-shaped metal workpieces with bore diameters of 220 mm (with accessories 85 mm) and more to a maximum temperature of 240 °C. The workpieces may weigh up to 800 kg.

The all-steel construction is coated with synthetic resin which is resistant to impacts and corrosion.

The clearly structured control panel with clear-cut symbols for the different operating modes can even be operated wearing work gloves. The foil keyboard is oil-resistant, dust-proof and water-proof.

The basic design of the device comes with a magnetic temperature sensor which can be used up to 240°C. The rated voltage is 400 V, the frequency 50 cps.

The device offers temperature hold, temperature control and time control modes.

In the temperature hold mode a heat-up temperature between 50 and 240°C is freely adjusted. The device holds the workpiece at the preselected temperature. When the Stop key is pressed the part is automatically demagnetized.

In the temperature control mode the desired heat-up temperature is freely adjusted between 50 and 240°C. After the preselected temperature is reached the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

In the time control mode the desired heat-up time (up to 100 minutes) is freely adjusted. After the selected period the workpiece is automatically demagnetized; the device switches off. An acoustic signal indicates the end of the process.

The time control mode is especially convenient if batches of identical bearings or workpieces have to be heated. During the first heating cycle the time needed to reach the required temperature is stored. Then each bearing of the batch is heated for the same period of time. The temperature sensor does not have to be attached.

Additional functions

- Demagnetization without heating
- Power reduction
- Programme interruption

Accessories

For parts with a smaller bore diameter the following accessories are available:

- 85 mm and more
  Ledge 60x60x850 mm
  Order designation: AWG40.L60
- 115 mm and more
  Ledge 80x80x850 mm
  Order designation: AWG40.L80
- 145 mm and more
  Ledge 100x100x850 mm
  Order designation: AWG40.L100

The device AWG40 is delivered without plug and cable.

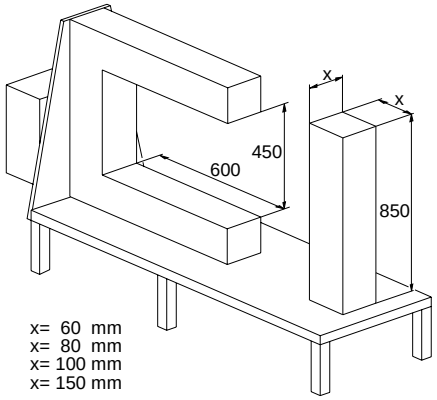
Order designation: AWG40

Induction heating devices

AWG40 · Technical data

General data

Time control	adjustable from 0 to 100 min
Temperature hold / Temperature control	adjustable from 50 to 240 °C with safety mechanism for rolling bearings
Bearing bore d	min. 220 mm (with accessories, min. 85 mm)
Bearing weight G	max. 800 kg



Electrical data

Operating voltage	400 V	Rated current	100 A
Frequency	50/60 cps	Retained magnetism	< 2 A/cm
Power consumption	40 kVA		

Scope of delivery: Device, ready for service, with ledge 150x150x850 mm, and magnetic temperature sensor.

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Heating device, complete	AWG40	1800x685x1400	220	600

Spare parts

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Ledge	AWG40.L150	150x150x850	220	143
Magnetic temperature sensor	AWG.M			0.05
Electronic spare parts kit	AWG40.E			0.45

Accessories

Designation	Order designation	Dimensions mm	for bore diameters from mm	Weight kg
Ledge	AWG40.L60	60x60x850	85	22.9
Ledge	AWG40.L80	80x80x850	115	40.7
Ledge	AWG40.L100	100x100x850	145	63.6

Special designs:

This device is also available for rated voltages of 200 V, 270 V, 440 V, 480 V, and 600 V.
Order designation, e. g. for 480 V: AWG40.V480

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FAG Induction Heating Devices

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