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SCHAEFFLER

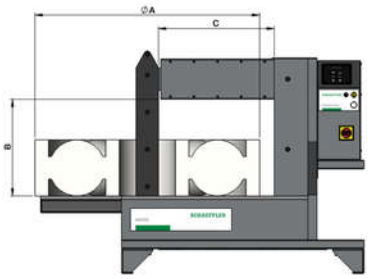


HEATER1600-SMART-500V

Induction heating device

HEATER smart

Technical information



Your current product variant

Series	SMART	Extended functionality
Version	1600	mb max = 1600 kg

Technical data

U	500 V	Operating voltage
f	50 – 60 Hz	Power frequency
P	40 kVA	Power consumption
I	80 A	Current rating
$\vartheta_{h\ max}$	240 °C	Max. heating temperature
	0 – 99 min	Heating time
	Touch	Display
	2	Magnetic probe, quantity
≈m	920 kg	Weight

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product.For further information you can use the contact form on our website

Functions

	+	Temperature hold
	+	Automatic demagnetization, <2A/cm
	—	Swivel arm
	+	Log function
	+	Delta-T control
	+	Temperature control
	+	Time control
	+	Temperature and time control
	+	Temperature and speed control
	+	Overheating protection
	only in temp. and speed mode	Automatic power reduction
	+	Device supports horizontal / lying heating of the workpiece
	—	Device supports vertical / hanging heating of the workpiece

Dimensions

	1,520 mm	Length HEATER
	750 mm	Width HEATER
	1,415 mm	Height HEATER
B	710 mm	Space between poles
C	780 mm	Pole length

Workpiece to be heated

	215 mm	Min. inner diameter workpiece, horizontal heating: with included yoke
	85 mm	Min. inner diameter workpiece, horizontal heating: with optional yoke
$ØA_{max}$	1,700 mm	Max. outer diameter workpiece
	700 mm	Max. workpiece width, horizontal heating
$m_{b\ max}$	1,600 kg	Max. workpiece weight

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Additional information

1	Yokes included, quantity
150x150	Yokes included, cross section (mm²)

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