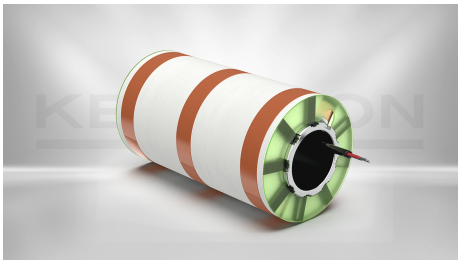
ROLLER INDUCTORS

Inductor for heating rollers - 140mm

ROUND 140 mm HS10015



The round inductor heats rollers with an internal diameter of 144 mm. Several inductors can be mounted on a carrier tube. The modular approach allows different roller widths to be heated. In addition, it enables individual heating of individual roller areas, which enables particularly homogeneous surface temperatures. Due to the high efficiency of the induction systems of approx. 98% of the electrical energy is converted into heat very efficiently.

The power density of 22 kW/m² enables fast heating and precise regulation of the temperature up to approx. 200°C.

- High efficiency of approx. 98%
- Direct heating of the roller
- Modular design
- Cost-optimized
- Power Control 1 – 100%
- Constant temperature profile
- Maintenance-free

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DESCRIPTION	VALUE
Inner diameter roller	144 mm
Heated Section	approx. 250 mm circumferential
Rated power	2,5 kW
Temperature range	0 ... 200°C
Power density	22 kW/m²
Heating circuits	1
Inductor current	10,3 A
Inductor voltage	800 Vrms
Efficency	approx. 98 %
Duty cycle	100 % duty cycle
Electrical control	For connection to Kendrion induction generators
Electrical connection	stranded wires
Dimensions (W x H x D)	Details sind der Zeichnung zu entnehmen
Product status	Standard Product
Certifications / Standards	61010 / CE

CONTACT

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/roller-inductors/round-140-mm-hs10015

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