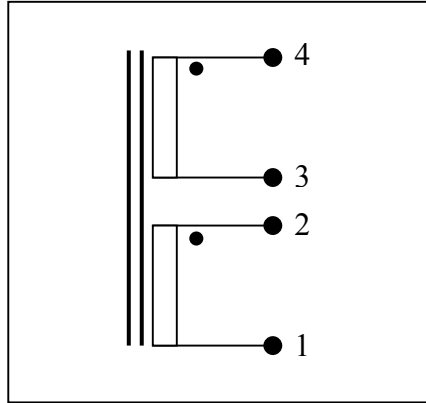


Induttore AFDT 50H/50mA

Test Report

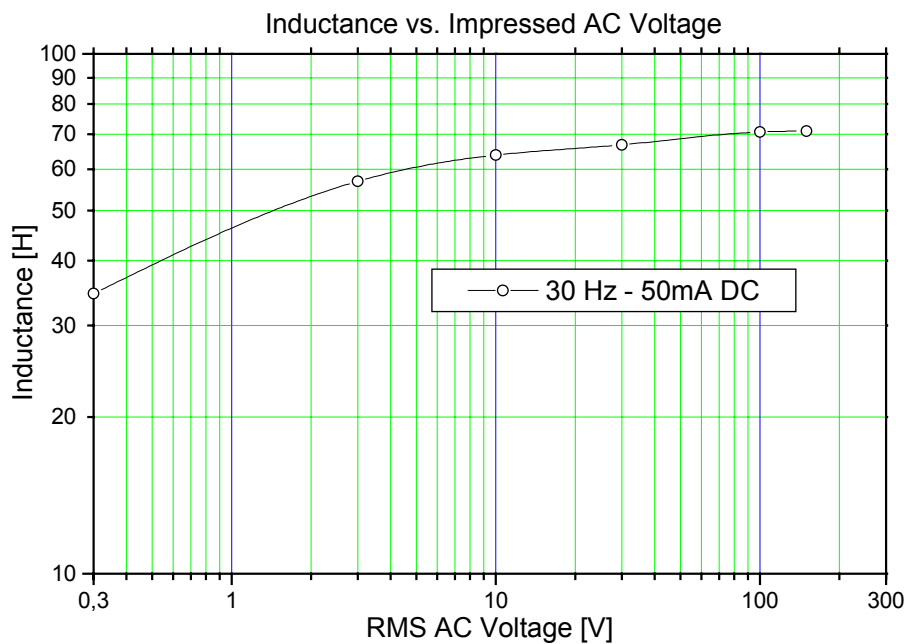


1) DC Resistance

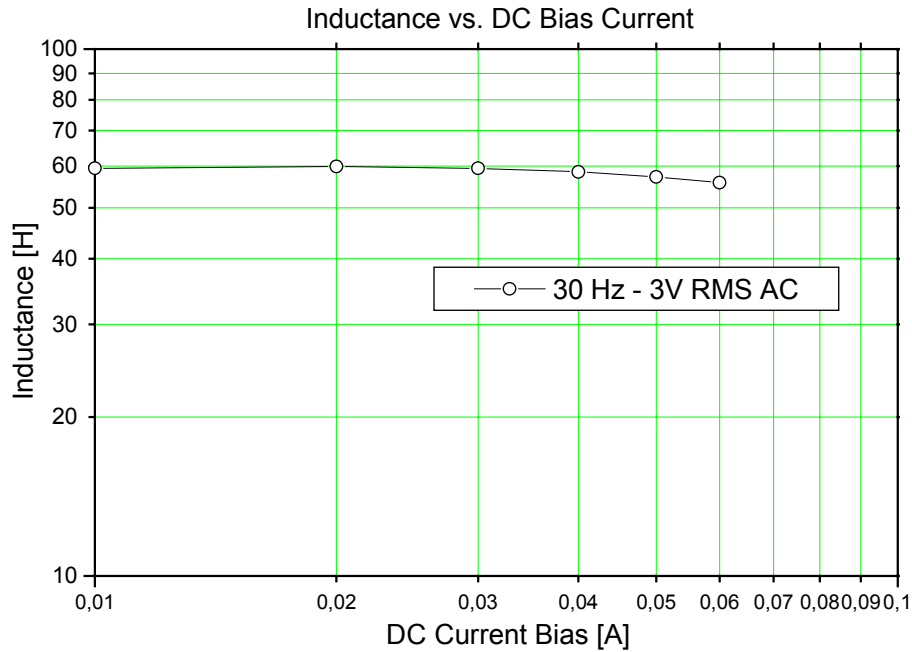
$R_{cc}(1-2)=155,6$ Ohm
 $R_{cc}(3-4)=155,35$ Ohm

2) Inductance:

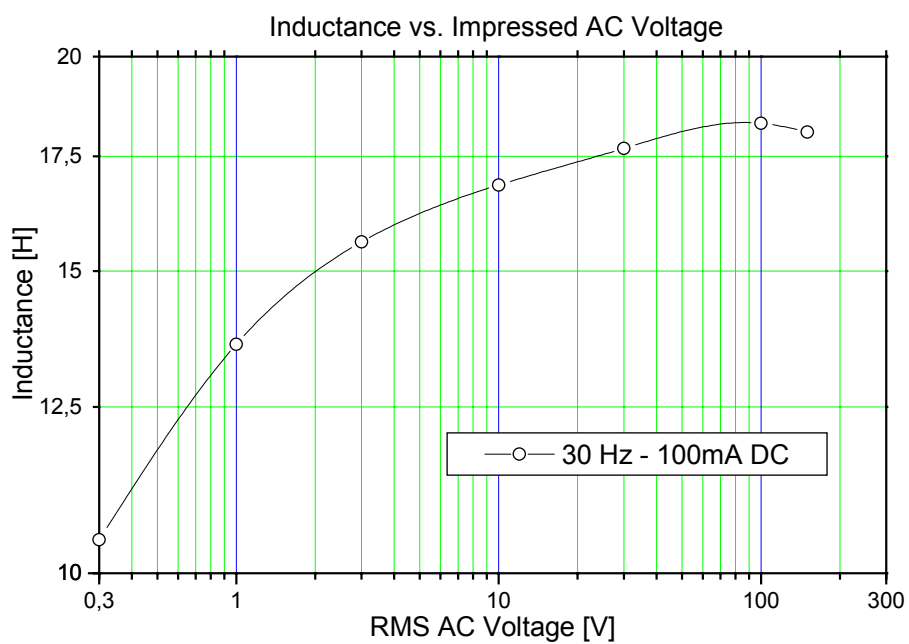
- Air gap thickness: 2 x 0,22 mm
- **Series connection** (terminal 2 & 3 shorted)
- DC Bias current: 50 mA
- AC Impressed Voltage Frequency : 30 Hz
- AC Impressed Voltage range: 0,3 to 150 Vrms



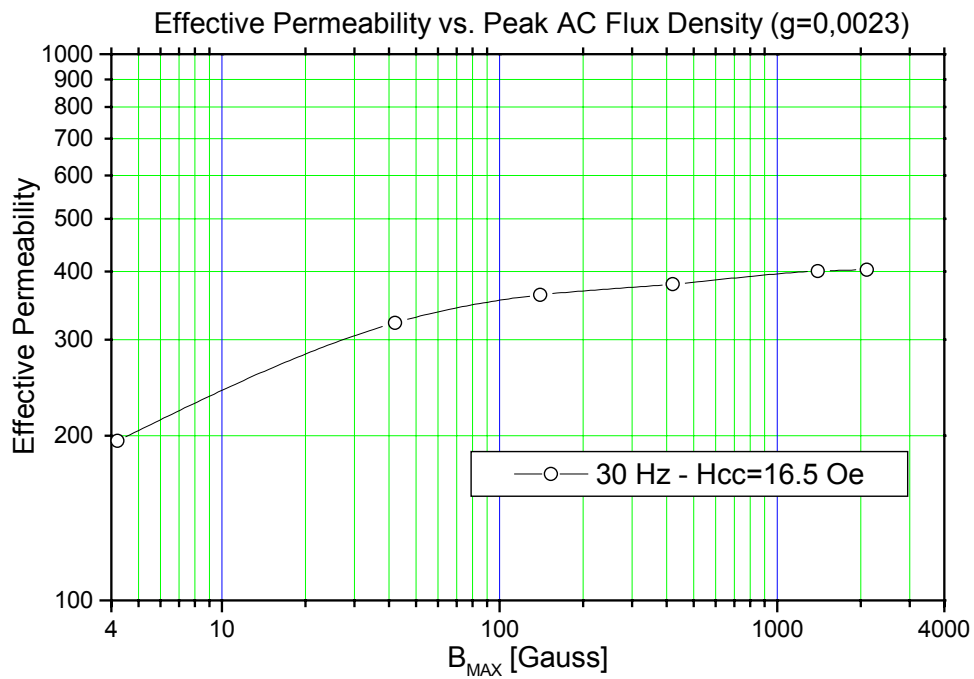
- Air gap thickness: 2 x 0,22 mm
- **Series connection** (terminal 2 & 3 shorted)
- DC Bias current range: 0 to 60 mA
- AC Impressed Voltage Frequency : 30 Hz
- AC Impressed Voltage: 3 Vrms



- Air gap thickness: 2 x 0,22 mm
- **Parallel connection** (terminal 1 & 3 shorted; terminal 2 & 4 shorted)
- DC Bias current: 100 mA
- AC Impressed Voltage Frequency : 30 Hz
- AC Impressed Voltage range: 0,3 to 150 Vrms



3) Core Permeability (including air gap) vs. Flux Density:



3) Parasitic Capacitance:

- **Series connection** (terminal 2 & 3 shorted)
- DC Bias current range: 0 mA
- Iron core potential : floating

Total winding + stray Capacitance C_{tot} = approx. **46pF**