

FORM F 108  
Revision: 04  
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Product specification  
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-131	Magnetec A/N:	12210
Client's P/N:	/	PS Index:	03	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent  
round core:

124 x 104 x 20

Finished product  
dimensions:

OD  $\leq$  176 (OD1) /

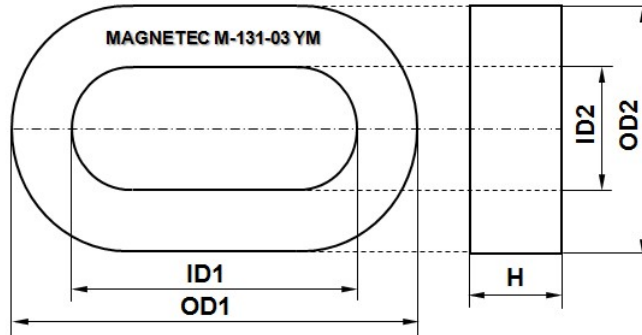
45,6 (OD2)

ID  $\geq$  145 (ID1) / 19

(ID2)

H  $\leq$  24

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 35,72 \text{ cm}$	$A_{Fe} = 1,6 \text{ cm}^2$
Permeability level:	ca. 30 000	@ frequency 10 kHz	@ H peak 3,17 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [ $\mu$ H]	11,8 - 25,3	10 kHz	80,0

4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-131-03 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	3 pcs. per layer; 4 layers per carton box; PU = 12 pcs.

5. Comments

Core mass ca. 420 g Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 00	Produkt Specification	02.08.2001
02S / 00	Sample: Cased version, AL = 11,8 - 23,5 $\mu$ H	11.05.2004
03 / 01	New format; Epoxy version; OD1 $\leq$ 176,0 mm; ID1 $\geq$ 145,0 mm; H $\leq$ 24,0 mm	29.02.2012
03 / 02	Correction OD2 $\leq$ 45,6 mm	09.08.2012
03 / 03	Drawing change	12.03.2013

Created:	Z. Palánki 12.03.2013	Approved (Techn):	F. Záborszky 15.10.2013	Approved (Quality):	J. Gulyás 15.10.2013	Released:	T. Trupp 15.10.2013
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