

FORM F 108  
Revision: 04  
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Product specification  
for inductive components

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold

Client:	MAGNETEC GmbH	Magnetec P/N:	M-113(+)	Magnetec A/N:	12667
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

80 x 63 x 30

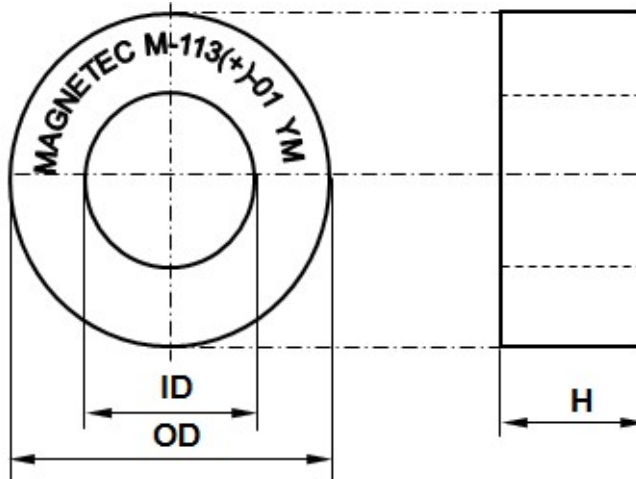
Finished product dimensions:

OD ≤ 85

ID ≥ 57

H ≤ 35,5

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 22,36 \text{ cm}$	$A_{Fe} = 1,86 \text{ cm}^2$
Permeability level:	30 000	@ frequency 10 kHz	@ H peak 3,16 mA/cm

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

Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
AL [ $\mu\text{H}$ ]	24,1 - 48,2	10 kHz	50
AL [ $\mu\text{H}$ ]	15,6 - NA	100 kHz	50

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-113(+)-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

5. Comments

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 / 01	Product specification	21.02.2014

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