

FORM F 108
Revision: 05
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Product specification
for inductive components

MAGNETEC GmbH
Industriestrasse 7
D-63505 Langenselbold

Client:	MAGNETEC	Magnetec P/N:	M-283	Magnetec A/N:	12511
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

80 x 63 x 30

Finished product dimensions:

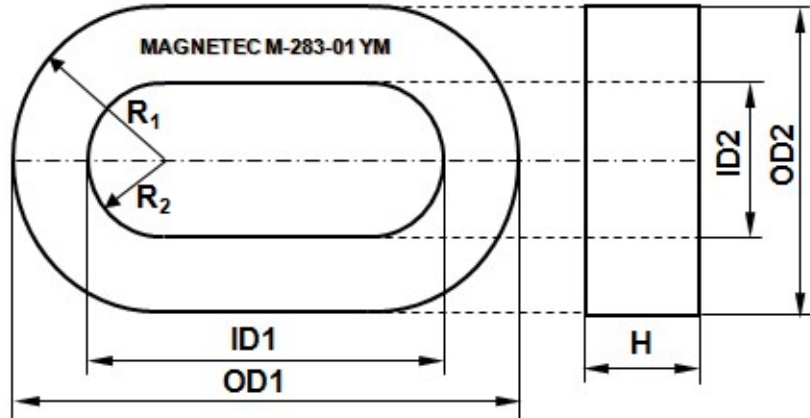
OD \leq 101,0 (OD1) / 62,0 (OD2)

ID \geq 68,0 (ID1) / 28,0 (ID2)

H \leq 37,0

[dimensions] = mm

R1 = 31,1
R2 = 13,9



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 22,36$ cm	$A_{Fe} = 1,86$ 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	leff x N [mA x turn]
AL [μ H]	24,1 - 48,2	10 kHz	50
AL [μ H]	14.4 - NA	100 kHz	50

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-283-01 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 for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	10.03.2010
01 / 02	100kHz lower limit defined	14.11.2014
01 / 03	100 kHz lower limit increased	17.10.2018

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	R. Montvai	Released:	P. Seiz
	17.10.2018		11.12.2018		31.10.2018		11.12.2018

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