

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent.

Client:	MAGNETEC	Magnetec P/N:	M-284		
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

100 x 80 x 30

Finished product dimensions:

OD $\leq$ 130,0 (OD1) / 66,0 (OD2)

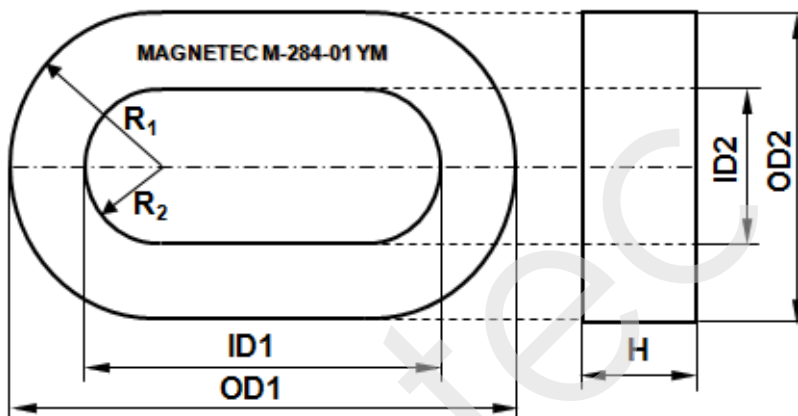
ID $\geq$ 94,0 (ID1) / 30,0 (ID2)

H $\leq$ 37,0

[dimensions] = mm

R1 = 32,9

R2 = 14,9



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 28,16 \text{ cm}$	$A_{Fe} = 2,25 \text{ cm}^2$
Permeability level:	~ 30 000	@ frequency 10 kHz	@ H peak 3,0 mA/cm

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

Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
AL [μ H]	22,5 - 45,0	10 kHz	60
AL [μ H]	13.44 - NA	100 kHz	60

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-284-01 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	30.09.2009
01 / 02	100kHz lower limit defined	17.11.2014
01 / 03	100 kHz lower limit increased	17.10.2018

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

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent. Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages.