Magnetec	**Product specification for inductive components**	Form: Revision:	MF04.05 (F108) 02

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Client:	**MAGNETEC**	**Magnetec P/N:**	**M-649**		
Client's P/N:		**PS Index:**	**01**	**PS Revision:**	**04**
Subject:	**EMC Wandler**				

1. Mechanical Outline

Nominal equivalent round core:

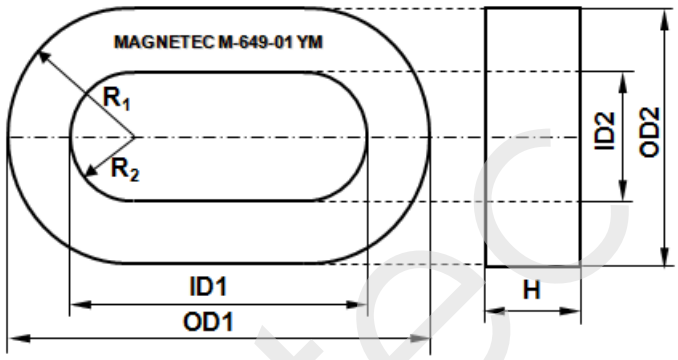
63 x 50 x 30

Finished product dimensions:

OD ≤ **82,8 (OD1) / 45,5 (OD2)**
ID ≥ **57,5 (ID1) / 20,6 (ID2)**
H ≤ **33,0**

[dimensions] = mm

R1 = 22,6
R2 = 10,4



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **17,67 cm**	A_{Fe} = **1,44 cm²**
Permeability level:		@ frequency	@ H peak
	ca. 30 000	**10 kHz**	**3,2 mA/cm**

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

Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
AL [µH]	**23,3 - 46,6**	**10 kHz**	**40**
AL [µH]	**13.2 - NA**	**100 kHz**	**40**

4. Core finishing

Type:	**Cased**
Marking:	**MAGNETEC M-649-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**7 pcs. per layer; 4 layers per carton box; PU = 28 pcs.**

5. Comments

Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	12.03.2012
01 / 02	OD corrected	25.05.2012
01 / 03	100kHz lower limit defined	04.12.2014
01 / 04	100 kHz lower limit increased	10.11.2018

Created:	Z. Braxátor 10.11.2018	**Approved (Techn):**	F. Zámborszky 11.12.2018	**Approved (Quality):**	R. Montvai 03.12.2018	**Released:**	P. Seiz 11.12.2018

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