

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC GmbH	Magnetec P/N:	M-114	Magnetec A/N:	12204
Client's P/N:	/	PS Index:	03	PS Revision:	06
Subject:	WANDLER				

1. Mechanical Outline

Nominal equivalent round core:

100 x 80 x 30

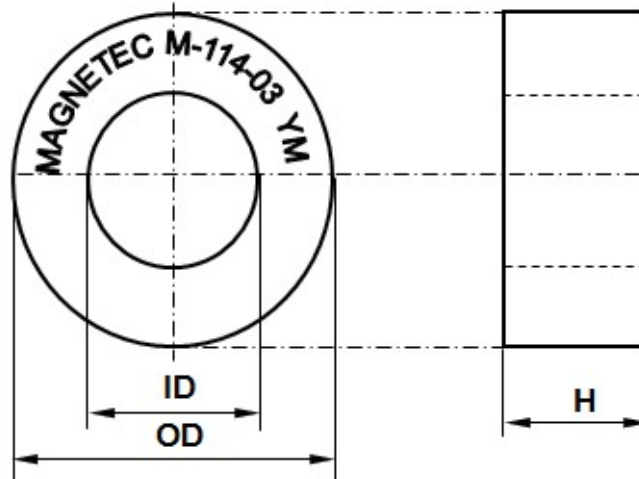
Finished product dimensions:

OD \leq 105,0

ID \geq 74,6

H \leq 35,0

[dimensions] = mm



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	leff x N [mA x turn]
AL [μH]	22,5 - 45,0	10 kHz	60
AL [μH]	13.44 - NA	100 kHz	60

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-114-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	4 pcs. per layer; 2 layers per carton box; PU = 8 pcs.

5. Comments

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

Index / Revision	Alteration	Date
01S / 00	Sample	02.08.2001
03 / 01	Product Specification	05.04.2005
03 / 02	New format	29.05.2006
03 / 03	100kHz lower limit defined	10.05.2014
03 / 04	100 kHz lower limit increased	17.10.2018
03 / 05	Change the packaging unit	28.10.2020
03 / 06	Innen diameter changed	01.10.2021

Created:	P. Nagy 01.10.2021	Approved (Techn):	F. Zámbořszky 20.10.2021	Approved (Quality):	Sz. Ilcsik 06.10.2021	Released:	B. Kessler
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