

Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-618	Magnetec A/N:	12719
Client's P/N:	/	PS Index:	03	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

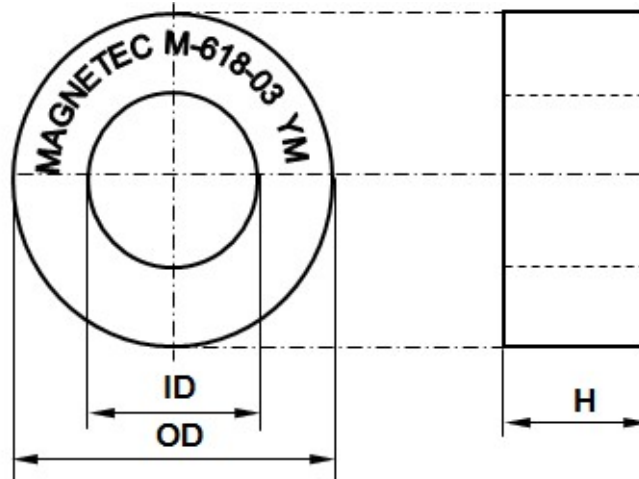
Nominal equivalent round core:

300 x 250 x 30

Finished product dimensions:

OD ≤ 305
ID ≥ 246,5
H ≤ 35

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 86,4 \text{ cm}$	$A_{Fe} = 4,67 \text{ cm}^2$
Permeability level:	60 000	@ frequency 10 kHz	@ H peak 3 mA/cm

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

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μH]	28,6 - 57	10 kHz	185
AL [μH]	9,9 - NA	100 kHz	185

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-618-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 2 layers per carton box; PU = 2 pcs.

5. Comments

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

Index / Revision	Alteration	Date
06 / 01	First issue	25.03.2015

Created:	Z. Palánki 25.03.2015	Approved (Techn):	F. Zámbořský 14.04.2015	Approved (Quality):	J. Gulyás 14.04.2015	Released:	T. Trupp 14.04.2015
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