| FORM F 108<br>Revision: 05<br>Page: 1/1 | **Product specification<br>for inductive components** | **MAGNETEC GmbH**<br>Industriestrasse 7<br>D-63505 Langenselbold |
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| | | | | | |
|---|---|---|---|---|---|
| **Client:** | MAGNETEC | **Magnetec P/N:** | M-029 | **Magnetec A/N:** | 12032 |
| **Client's P/N:** | | **PS Index:** | 02 | **PS Revision:** | 01 |
| **Subject:** | EMC Wandler | | | | |

## 1. Mechanical Outline

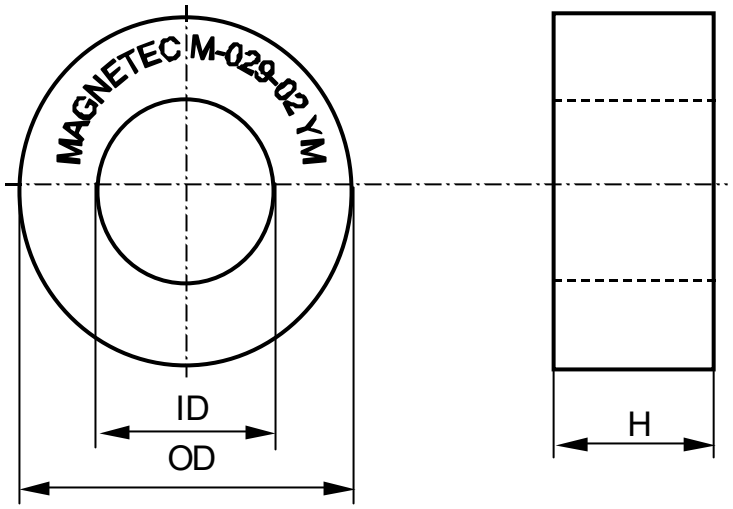
Nominal equivalent round core:

**100 x 80 x 25**

Finished product dimensions:

OD ≤ **104,0**
ID ≥ **75,0**
H ≤ **28,0**

[dimensions] = mm




## 2. Core data (nominal values)

| | | | |
|---|---|---|---|
| Core material: | **NANOPERM®** | $L_{Fe}$ = **28,16 cm** | $A_{Fe}$ = **1,83 cm²** |
| Permeability level: | | @ frequency | @ H peak |
| | **ca. 25 000** | **10 kHz** | **3,01 mA/cm** |

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

| Measured value | Measurement limits | Frequency | Ieff x N [mA x turn] |
|---|---|---|---|
| **AL [µH]** | **15,6 - 31,2** | **10 kHz** | **60** |

## 4. Core finishing

| | |
|---|---|
| Type: | **Epoxy coated** |
| Marking: | **MAGNETEC M-029-02 YM** |
| Packaging: | **4 pcs. per layer; 3 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 |
|---|---|---|
| 02 / 00 | Product spezification | 15.10.2003 |
| 02 / 01 | New form | 27.04.2006 |

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|---|---|---|---|---|---|---|---|
| **Created:** | Zs. Sandor<br>27.04.2006 | **Approved (Techn):** | F. Zámborszky<br>27.04.2006 | **Approved (Quality):** | V. Kaposztas<br>27.04.2006 | **Released:** | F. Rauscher<br>27.04.2006 |