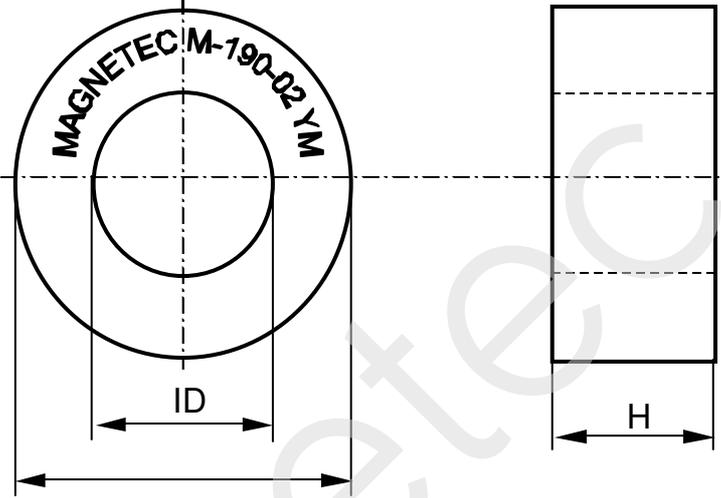


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|                      |                      |                      |              |                     |           |
|----------------------|----------------------|----------------------|--------------|---------------------|-----------|
| <b>Client:</b>       | <b>MAGNETEC GmbH</b> | <b>Magnetec P/N:</b> | <b>M-190</b> |                     |           |
| <b>Client's P/N:</b> |                      | <b>PS Index:</b>     | <b>02</b>    | <b>PS Revision:</b> | <b>02</b> |
| <b>Subject:</b>      | <b>EMC Wandler</b>   |                      |              |                     |           |

| 1. Mechanical Outline                                                                                                                                                                       |                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Nominal equivalent round core:<br><br><b>160 x 110 x 25</b><br><br>Finished product dimensions:<br><br>OD ≤ <b>165,0</b><br>ID ≥ <b>105,0</b><br>H ≤ <b>28,5,0</b><br><br>[dimensions] = mm |  |

| 2. Core data (nominal values) |                  |                              |                              |
|-------------------------------|------------------|------------------------------|------------------------------|
| Core material:                | <b>NANOPERM®</b> | $L_{Fe} = 41,99 \text{ cm}$  | $A_{Fe} = 4,61 \text{ cm}^2$ |
| Permeability level:           | <b>~25 000</b>   | @ frequency<br><b>10 kHz</b> | @ H peak<br><b>3,0 mA/cm</b> |

| 3. Inspection values (at room temperature, unless otherwise stated) |                    |               |                                  |
|---------------------------------------------------------------------|--------------------|---------------|----------------------------------|
| Measured value                                                      | Measurement limits | Frequency     | I <sub>eff</sub> x N [mA x turn] |
| <b>AL [μH]</b>                                                      | <b>24,0 - 50,0</b> | <b>10 kHz</b> | <b>90</b>                        |

| 4. Core finishing |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Type:             | <b>Epoxy coated</b>                                             |
| Marking:          | <b>"MAGNETEC M-190-02 YM" (YM: Production year &amp; month)</b> |
| Packaging:        | <b>1 pcs. per layer; 6 layers per carton box; PU = 6 pcs.</b>   |

**5. Comments**  
 Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

| Index / Revision | Alteration            | Date       |
|------------------|-----------------------|------------|
| 01 / 00          | Product Specification | 23.07.2003 |
| 01 / 01          | PU = 5 pcs.           | 29.10.2003 |
| 02 / 02          | PU = 6 pcs.           | 03.10.2007 |

|                 |                         |                          |                             |                            |                            |                  |                           |
|-----------------|-------------------------|--------------------------|-----------------------------|----------------------------|----------------------------|------------------|---------------------------|
| <b>Created:</b> | Á. Kovách<br>03.10.2007 | <b>Approved (Techn):</b> | F. Zámbořszky<br>22.10.2007 | <b>Approved (Quality):</b> | V. Káposztas<br>22.10.2007 | <b>Released:</b> | F. Rauscher<br>22.10.2007 |
|-----------------|-------------------------|--------------------------|-----------------------------|----------------------------|----------------------------|------------------|---------------------------|

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