

## Configuration documentation

### Pneumatic cylinder



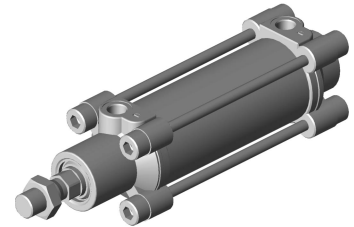
**Type code** TRB-DA-050-0080-0-2-1-1-1-BAS  
**Material number** 0822242003

#### Description

|                            |             |                                         |
|----------------------------|-------------|-----------------------------------------|
| Series                     | <b>TRB</b>  | Tie rod cylinder - series TRB           |
| Piston diameter            | <b>050</b>  | Piston diameter 50                      |
| Stroke                     | <b>0080</b> | Stroke in mm                            |
| Threads                    | <b>0</b>    | ISO Threads                             |
| Cushioning                 | <b>2</b>    | Pneumatic cushioning                    |
| Piston                     | <b>1</b>    | Piston without magnet                   |
| Piston rod                 | <b>1</b>    | Single                                  |
| Sealings                   | <b>1</b>    | Sealings - standard PUR (-20°C to 80°C) |
| Scraper                    | <b>1</b>    | Scraper - Standard PUR                  |
| Corrosion protection       | <b>1</b>    | Standard                                |
| Piston rod extension       | <b>0</b>    | Without piston rod extension            |
| ATEX                       | <b>000</b>  | Without ATEX                            |
| Trunnion mounting          | <b>0</b>    | Without trunnion mounting               |
| Position trunnion mounting | <b>0</b>    |                                         |
| End covers                 | <b>0</b>    | End covers without surface treatment    |
| Port position              |             |                                         |
| Port position front        | <b>0</b>    | 0° (12h)                                |
| Port position rear         | <b>0</b>    | 0° (12h)                                |

#### Accessories

|                            |            |                                     |
|----------------------------|------------|-------------------------------------|
| Piston rod mountings       | <b>000</b> | No mounting                         |
| Mounting at front cover    | <b>000</b> | No mounting at front cover          |
| Mounting orientation front | <b>00</b>  | Without mounting                    |
| Mounting at rear cover     | <b>000</b> | No mounting at rear cover           |
| Mounting orientation rear  | <b>00</b>  | Without mounting                    |
| Counter bearing            | <b>000</b> | No counter bearing                  |
| Guide units                | <b>000</b> | No guiding unit, no locking element |
| Sensor type                | <b>000</b> | Without Sensor                      |
| Sensor position            | <b>00</b>  | Without sensor position             |
| Fittings front             | <b>000</b> | Front cover - without fitting       |
| Fittings rear              | <b>000</b> | Rear cover - without fitting        |



#### Note:

A specific part number is required for ordering and clearly identifying the configured product. If the part number is not shown under the type code, please save your configuration under "Save project".

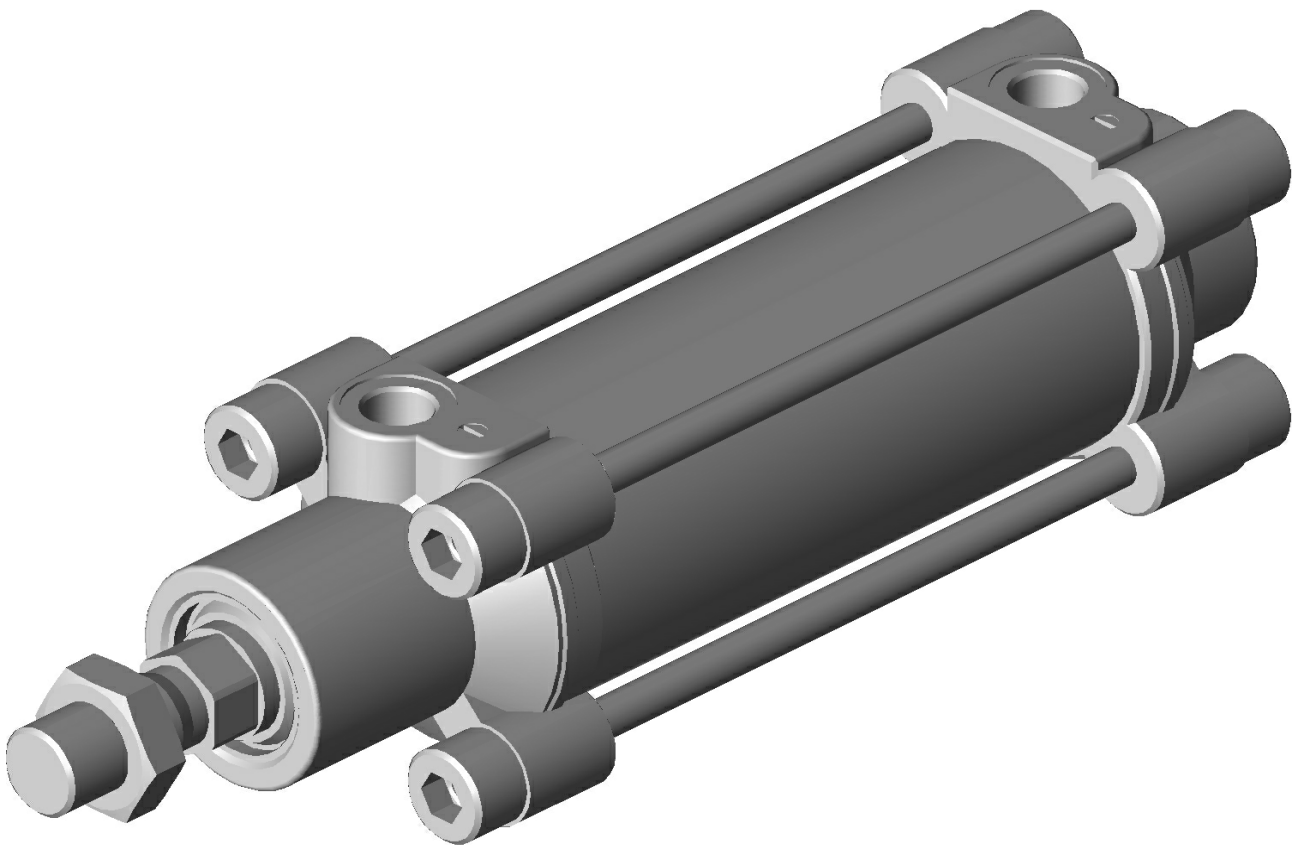
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**Material number** 0822242003

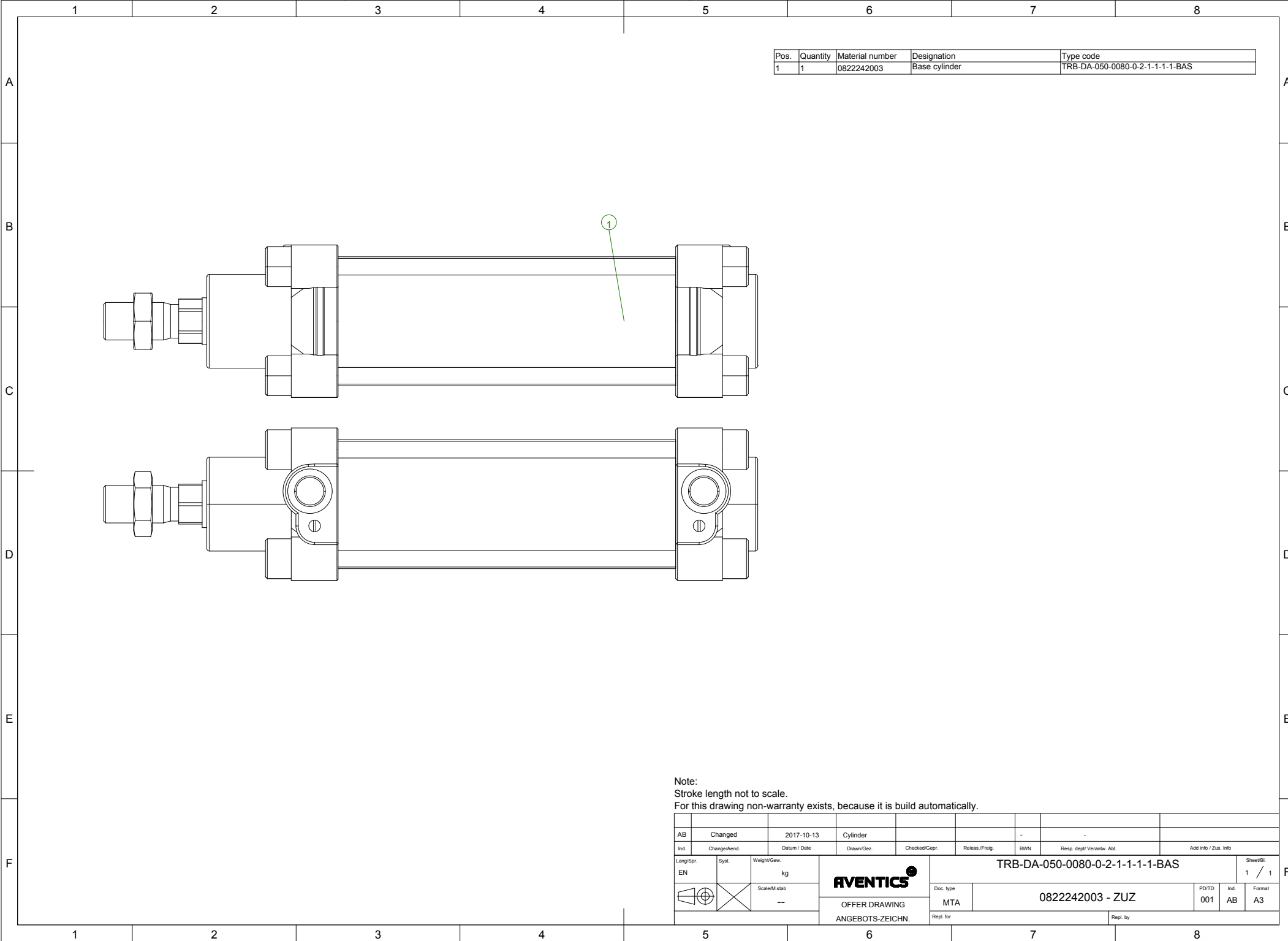
**Spare parts**

|                                                     |                   |                               |
|-----------------------------------------------------|-------------------|-------------------------------|
| Piston rod                                          |                   | PISTON ROD 050-0080-0-1-1-1-1 |
| Tube                                                |                   | TUBE TRB-050-0080-0-1-1       |
| Tie rod                                             | <b>R480964301</b> | TIEROD TRB-050-0080-0-1-1     |
| Spare part kit - standard (for cylinder since 2014) | <b>R413000900</b> | SPARE PART KIT PRA/TRB-050-ST |

|                        |                                 |
|------------------------|---------------------------------|
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| <b>Material number</b> | 0822242003                      |



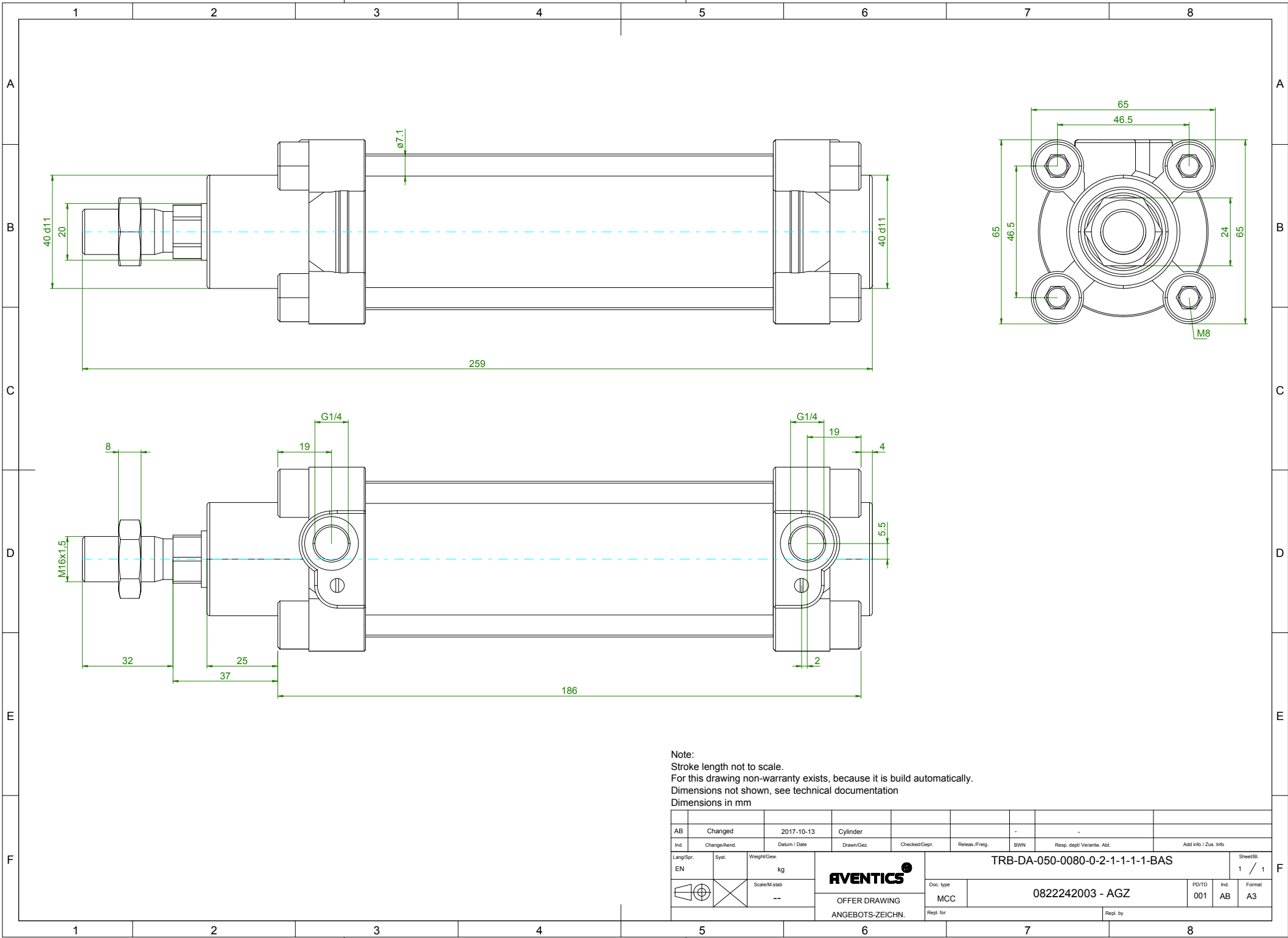
Please click on the image to activate the 3D model.  
We are not liable for this 3D model since it has been generated automatically.



| Pos. | Quantity | Material number | Designation   | Type code                       |
|------|----------|-----------------|---------------|---------------------------------|
| 1    | 1        | 0822242003      | Base cylinder | TRB-DA-050-0080-0-2-1-1-1-1-BAS |

Note:  
Stroke length not to scale.  
For this drawing non-warranty exists, because it is build automatically.

|                                   |               |                   |                    |                                 |                 |                  |                           |                      |
|-----------------------------------|---------------|-------------------|--------------------|---------------------------------|-----------------|------------------|---------------------------|----------------------|
| AB                                | Changed       | 2017-10-13        | Cylinder           |                                 |                 | -                | -                         |                      |
| Ind.                              | Change/Revid. | Datum / Date      | Drawn/Gez.         | Checked/Gepr.                   | Released/Freig. | BWN              | Resp. depl/ Verantw. Abt. | Add info / Zus. Info |
| Lang/Spr.<br>EN                   | Syst.         | Weight/Gew.<br>kg | Scale/M.stab<br>-- | TRB-DA-050-0080-0-2-1-1-1-1-BAS |                 |                  |                           | Sheet/Bl.<br>1 / 1   |
|                                   |               |                   |                    | <b>AVENTICS</b>                 |                 | Doc. type<br>MTA | 0822242003 - ZUZ          | PO/ID<br>001         |
| OFFER DRAWING<br>ANGEBOTS-ZEICHN. |               | Repl. for         |                    | Repl. by                        |                 | Ind.<br>AB       | Format<br>A3              |                      |



|           |             |              |                  |               |                                 |                  |                           |                      |           |
|-----------|-------------|--------------|------------------|---------------|---------------------------------|------------------|---------------------------|----------------------|-----------|
| AB        | Changed     | 2017-10-13   | Cylinder         |               |                                 |                  |                           |                      |           |
| Ind.      | Change/Rev. | Datum / Date | Drawn/Gez.       | Checked/Gepr. | Released/Freig.                 | BWN              | Resp. dept/ Verantw. Abt. | Add info / Zus. Info |           |
| Lang/Spr. | Syst.       | Weight/Gew.  | <b>AVENTICS</b>  |               | TRB-DA-050-0080-0-2-1-1-1-1-BAS |                  |                           |                      | Sheet/Bl. |
| EN        |             | kg           |                  |               | 1 / 1                           |                  |                           |                      |           |
|           |             | Scale/M.stab | OFFER DRAWING    |               | Doc. type                       | MCC              |                           | P0/TD                | Ind.      |
|           |             | ---          | ANGEBOTS-ZEICHN. |               | Repl. for                       | 0822242003 - AGZ |                           | 001                  | AB        |
|           |             |              |                  |               | Repl. by                        |                  | Format                    |                      |           |
|           |             |              |                  |               |                                 |                  | A3                        |                      |           |