# DESICCANT BREATHERS

## PRODUCT DESCRIPTION

- Tank breathing, humidity absorption and cleaning of the inflowing air in one unit
- Refillable with separately available desiccant "EG"
- Easy disposal of desiccant in the household waste
- No content of any hazardous material acc. to EG directive 99/45/EC and 2001/60/EC
- Easy capacity control of the desiccant by colour changing from red to orange
- Easy replacement of the air filter cartridge
- Reduction of oxidation inside the hydraulic system
- Service life extension of oil and machinery
- Available incl. adapter plates "A" and dust indicator "VA"

| Order code | | | |
|---|---|---|---|
| Type | Size | Option | |
| LEF | 93 | A9 | VA |
| | 61 | A9 | |
| | 93 | A12 | |
| | 96 | | |
| | 121 | | |
| | 122 | | |

## ACCESSORIES

### DUST INDICATOR "VA"

- Is being mounted on the adapter plate
- Displays the contamination level of the air filter
- After changing the air filter cartridge, the dust indicator is reusable by pressing the RESET button

### ADAPTER PLATE "A"

- Allows a direct mounting on existing connections
- Connection possibilities for dust indicator as well as suction and return lines
- Material: plastics
- Plug, O-ring and Allen screws are included

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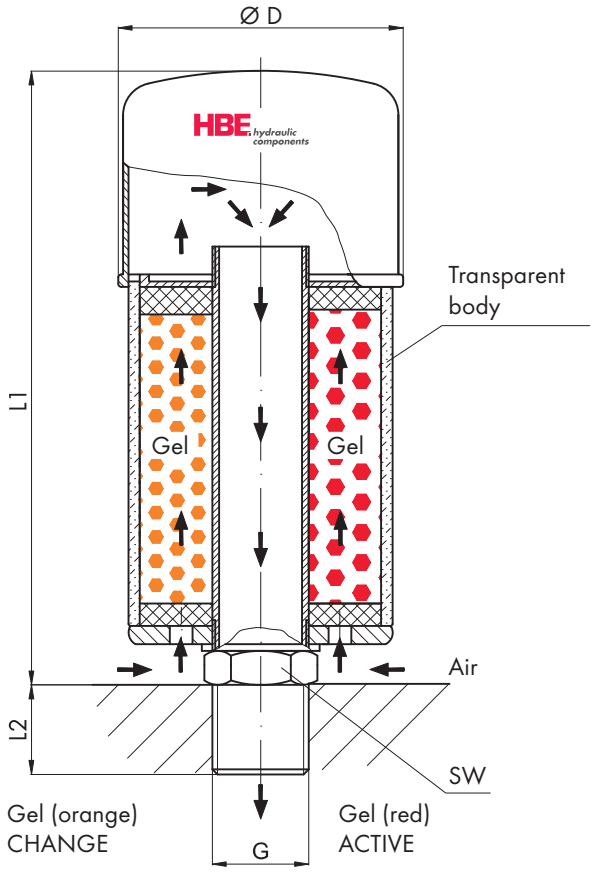
## DIMENSIONS AND TECHNICAL DATA




### MATERIALS

- Inner tube: stainless steel
- Body: SAN (Styrol Acrylnitril)
- Desiccant: ZR gel (3 – 6 mm)

### FLUID COMPABILITY

- Mineral oil: OK
- H, HL, HLP, HVLP: OK
- HEES (Synt. Ester): OK

For other fluids please contact HBE

On request all sizes with check valve (standard for LEF61)

| | LEF desiccant breathers | | | | |
|---|---|---|---|---|---|
| **Type** | **LEF 61** | **LEF 93** | **LEF 96** | **LEF 121** | **LEF 122** |
| **Article No.** | **2700** | **2701** | **2702** | **2703** | **2704** |
| L1 | 136 mm | 160 mm | 220 mm | 256 mm | 366 mm |
| L2 | without | 20 mm | 20 mm | 28 mm | 28 mm |
| D | 70 mm | 98 mm | 98 mm | 130 mm | 130 mm |
| G | 3/8" (inside) | 3/4" | 3/4" | 1 1/4" | 1 1/4" |
| SW | without | 32 mm | 32 mm | 50 mm | 50 mm |
| Max. airflow | 0.05 m³/min | 0.7 m³/min | 0.7 m³/min | 1.5 m³/min | 1.5 m³/min |
| Air filter mesh | 3 µm | 3 µm | 3 µm | 3 µm | 3 µm |
| Max. water absorption | 29 g | 86 g | 172 g | 288 g | 576 g |
| Recommended tank size | < 30 l | < 250 l | < 500 l | < 1250 l | > 1250 l |
| Operating temperature | -40 °C up to +90 °C | -40 °C up to +90 °C | -40 °C up to +90 °C | -40 °C up to +90 °C | -40 °C up to +90 °C |
| Weight | 0.4 kg | 1.2 kg | 1.5 kg | 2.7 kg | 4.0 kg |