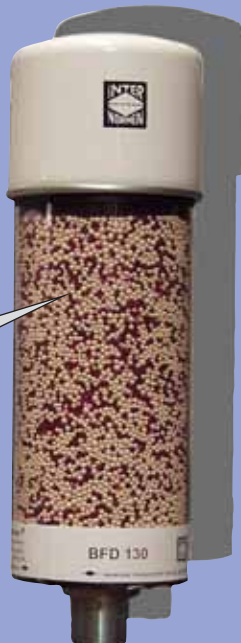


INTERNORMEN

Desiccant Air Breathers



available with
indicator FMI



Monitoring by



colour change

Characteristics

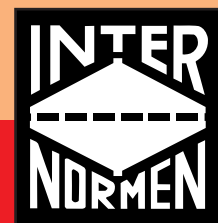
- Available in 4 sizes
- Refillable with drying agent
- Available with adapter and filter minder (contamination indicator)
- Replacement spin-on air filter separately available
- Seal and plastic plug to prevent moisture entering before installation

Advantages

Protects expensive equipment, increase operation efficiency and reduces maintenance cost by:

- Eliminating corrosion
- Extending life of hydraulic lubrication and process fluids
- Minimizing component wear, downtime and repairs
- Eliminating oil oxidation, additive depletion and freezing
- Extending oil filter life

internormen 
 filter technology



Unique filtration process

Moisture and particulate accumulation are major factors of oil contamination in industrial equipment. Neglected, these detriments restrict equipment efficiency, causing machine downtime and significant expense in replacement oil, parts and repair labour.

INTERNORMEN BFD series breathers incorporate a proven, field tested design. They prevent water and contaminants from entering fluid reservoirs as differential pressures occur through thermal expansion and contraction of the fluid, or during the filling or emptying process.

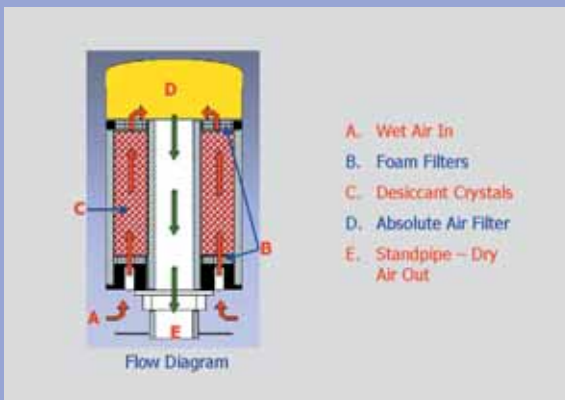
Manufactured with a hygroscopic agent, *INTERNORMEN* BFD series breathers utilize the entire filter area, and have the capability of extracting water vapor from the air as it is drawn through the unit.

Accompanying solid particulate is then removed by a 3µm absolute glass filter, allowing only clean, dry air to enter the system.

Applications

- Hydraulic Systems – all types
- Bearing Circulating Systems
- Mobile Earthmoving Equipment
- Gearboxes
- Robotic Hydraulic Equipment
- Mobile Tanksystems
- Diesel Fuel Storage Tanks
- Transformer with Oil Cooled Design
- Vacuum- and Welding Chambers
- Agricultural Equipment

Principle of function



Fluid Purifier IFPM 31 with Desiccant Air Breather BFD 95



Technical Data

Data sheet no.: 6003

| | BFD-95 | BFD-100 | BFD-125 | BFD-130 |
|---|--------|---------|---------|---------|
| Max. rate of air flow (m ³ /min) | 0.5 | 0.5 | 1.25 | 1.25 |
| Air filter micron rating (µm) | 3 | 3 | 3 | 3 |
| Weight (g) | 1000 | 1320 | 2950 | 4300 |
| Connection thread (BSP) | G ¾ | G ¾ | G 1 ¼ | G 1 ¼ |
| Silicagel filling weight (g) | 225 | 450 | 750 | 1500 |
| Max hygroscopicity (g) | 86,5 | 173 | 288 | 576 |

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