

# Desiccant Breathers ITAHYDRAULIC

## DC-BB/-1/-2/-3/-4



### 1. Features

#### Desiccant breathers ventilating mobile and stationary hydraulic tanks

The DC desiccant breather ITAHYDRAULIC replaces the customary dust caps or breathers often found on new equipment. When contaminated air enters the top of the breather, it passes through layered filter media, preventing solid particles from entering the breather and causing undue wear to your equipment surfaces. Filtered air passes through a bed of Power Breather silica gel, which removes harmful moisture from the air. The silica beads also work to attract moisture from inside the equipment reservoir during service or shut-down, keeping the equipment dry. FG Desiccant breathers protect lubricants and equipment from damage due to moisture and particulate intrusion. Extends service cycles and equipment life resulting in lower lifetime operating costs. DC desiccant breather ITAHYDRAULIC are also optional available with a biasing valve (CV). Biasing valves reduce the air change to a necessary level and extend the desiccant breather service cycles.

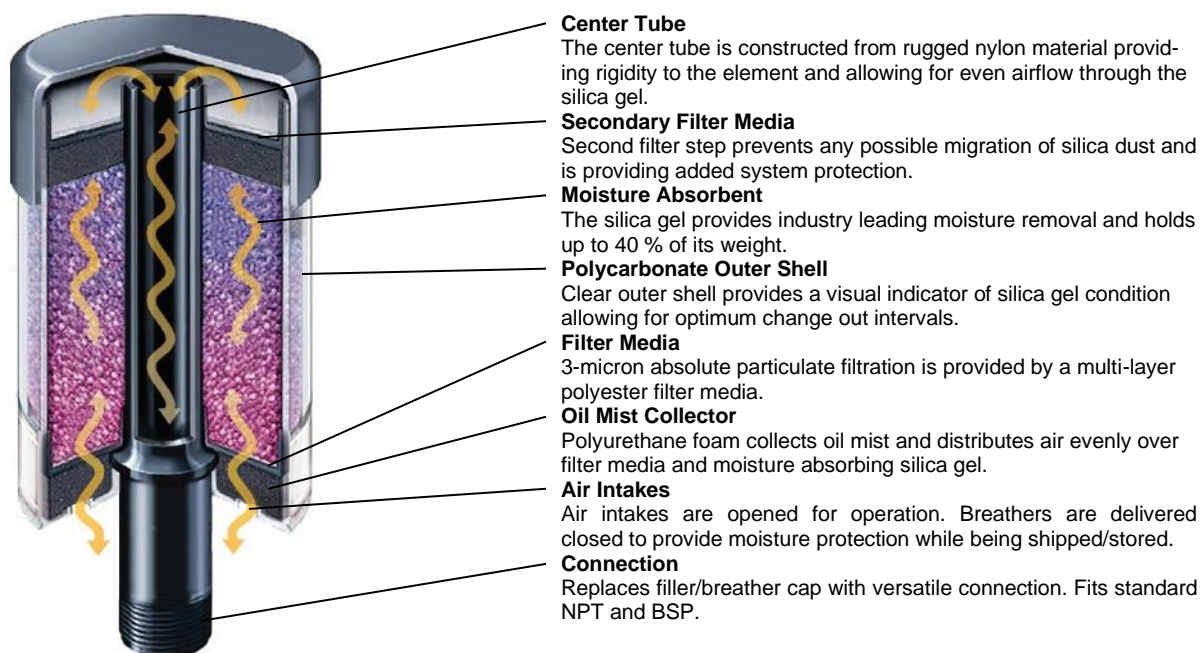
#### Applications and industries

- Tanks
- Transformers
- Storage of fluids
- Hydraulics
- Wind Energy
- Power Generation
- Mining
- Aviation
- Manufacturing
- Petrochemical
- Pulp and Paper
- Versions with biasing valve available
- Worldwide distribution

**ATTENTION: Packaging unit contains 6 pieces per type!**



## 2. Functional description



## 3. Dimensions

Type	Height in mm	Diameter in mm
DC-BB	99.06	64,0
DC-1	134.9	
DC-2	155.6	104,1
DC-3	206.4	
DC-4	257.3	

## 4. Technical Data

**Temperature range:** -29 °C to +93 °C  
(other temperature ranges on request)

**Housing material:**  
Cover Polycarbonate  
Shell Polycarbonate, clear  
Center tube Nylon material

**Filter material:**  
Oil Mist Collector Polyurethane foam  
Filter media Polyester filter media  
Moisture Absorbent Silica gel  
Secondary Filter Media Polyester fleece

**Filter efficiency:**  
all 3 µm absolute

**Connection thread:**  
DC-BB and DC-1  $\frac{3}{8}$ "  
DC-2 to DC-4 1"  
(fits NPT, BSP or BSPP threads)

Type	max. air flow at 1 psid/69 mbar [l/min]	max. water retention [ml]	Order numbers
DC-BB	198	28	OLELUB090
DC-1		60	OLELUB091
DC-2	510	142	OLELUB092
DC-3		264	OLELUB093
DC-4		424	OLELUB094