SILVERI ENGINEERING & TRADING

SINFTFILTER

DESICCANT BREATHERS

NOW AVAILABLE

SILVERI ENGINEERING

WWW.SILVERIENG.COM | SALES@SILVERIENG.COM | 1300 716 413 | WHATSAPP +61 458 047 075

SF2026-02

SILVERI ENGINEERING & TRADING

SINFTFILTER

DESIGNED TO REPLACE
STAUFF DESICCANT AIR BREATHERS SBD

COMBINATION OF AIR BREATHER AND WATER REMOVAL FILTER

- Available in 5 different sizes
- Diameter of Ø100 mm / Ø3.94 in or Ø130 mm / Ø5.12 in
- Refillable with drying agent (non-toxic ZR gel grain) or a mix of drying agent and active carbon
- Drying agent capable in changing colour from Red to orange with increasing moisture
- Without dangerous substances according to EC Council directives 99/45/EC and 2001/60/EC
- Replaceable air filter element SGB
- Connection: Male BSP thread (ISO 228) on Stainless Steel tube
- Available with adaptor plate to simplify installation and to enable the use of a visual contamination indicator

OPTIONS / ACCESSORIES:

- Adaptor plate
- Visual contamination indicator
- Drying agent refilling material
- Active carbon refilling material
- Replacement air filter element

SILVERI ENGINEERING & TRADING

SINFTFILTER

DESICCANT BREATHERS DESIGNED TO PROTECT YOUR SYSTEM FROM MOISTURE & PARTICULATE

- **Diesel Fuel Storage Reservoirs**
- **Gearboxes**
- **Pumps and other Industrial Equipment**

The breathers provide simple, yet dependable protection from moisture and particulate contamination in lubricants and equipment across multiple industries and applications.

These versatile breathers are five times more effective than the leading non-desiccant breathers, providing optimal defence against humidity for your applications.

Gearboxes, reservoirs and pumps all “breathe” when operating. As air contracts or expands or as entering fluid displaces air in a system, outside air is drawn in from the atmosphere. Accumulated air has water and particulate that will accu-

SILVERI ENGINEERING & TRADING

SINFTFILTER

HOW THE DESICCANT BREATHER WORKS...

FOAM PAD
Reduces oli mst thet comects sllce. ger dering emalation ond ensures ouidoint dms eveny oibbuised througe the fiters and desiccant

FILTER ELEMENT
Second polsesler fifer elemert prolects aguncl ano rrogration or deiscsent oust providing mas mum efficlenoy.

2 WATER VAPOR AUSORRENT
Silca gei allsvibs leaps yapor fromtecoming ain inoloaies. comhon by change of color from olue to pint.

RESILIENT PALYCARBONATE BODY
Shork absorbing icioar casing provides retabe servce and easy mamrenance.

3 FILTER ELEMENT
Patented poysster thendemen cenoves dreome centormaton is 3 me on obedure: unttue loops. dlow parlcles to rdesse dutng systen emalation helginn tl nereaed breathro hio.

FHITER BLEMENT
Second polvester fiher element prolects reend any rifigaton d besicant auct.

POUM PAD
Captures any all rnd and dispesses fecirming air evenly after fruation and drving areas..

4 AIN VENTS
Individual air intates ase epened baced on the flow requremerrs of the eystem Rated for 16 eim Pluge keep unil mactire uruluuse.

THREADED NOUNTING
Eaally replaces atandard hter breather cap wilh one of severar adapiers.

WWW.SILVERIENG.COM | SALES@SILVERIENG.COM | 1300 716 413 | WHATSAPP +61 458 047 075

SILVERI ENGINEERING & TRADING

SINFTFILTER

FEATURES & BENEFITS

1 Domed Cap
Extrmal fibs on shell to creats greater durabittly and gnpawhen installing of replacing breather..

2 Intearated Nyion Standbipe
The imegrateg stardaipe provide: exedlent resstonie anaidissisatee mpeal throughout the uint; eimineting vieak points. It also allove even almow der Ibuson Ihrough out od ollif, cllnnnating insseurote. reedings of deccent seluesion.

3 External Rlbs
External nbs on stad to cceate greater durability and gnp inhen installing or replacing breather

4 Integrated Drip Ring
An mtegrated drp-ring keeps sheading wate· from ertering the veni holes.

5 Threaded Mounting
Easily mplyces stanca d fiterrbreather can with ond of several edaptess.

6 Largee Fligh Capacity Cheek Valves
High espacity check valves allow for inrcessed artlow al low cracking pressuce..

6 Largen Fligh Capacity Chech Valves
Hiah copectly checa·valves dllow for increased antiew.· at low cracking pressure..

7 Filter Element
Poyester filter alement removes antiyme contamination to. E inicion absolule ıznque loops allow ba tides carelease during system eerdation. helding to ircreass beath tte.

8 Ehhanced Scal
An echanced seel dimatetes potential for airnow hypsss.

	DC-88	DC-1	DC-2	DC-3	DC-3
Temperature Range	-20°F to 200°F (-29°C to 93°C)				
Filter Efficiency	3u absolute (033200)				
Amount of Desiccant	.1 lbs / .1 kg	3 lbs / .1 kg	.8 lbs / .4 kg	1.4 lbs / .6 kg	2 lbs / .9 kg
Adsorption Capacify	.8 fl oz / 23 ml	1.7 fl oz / 50 ml	4.9 fl oz / 146 ml	8.7 fl oz / 257 ml	12.4 fl cz / 355 ml
Air Flow Rate (@ 1 Peid)	5 @ 1 Psid	4 @ 1 Psld	16 cm @ 1 Psid	16-cim @ 1 Psid	120 gpm / 453 lpm
Air Flow Rate (gpm / lpm)	31 gpm / 117 lpm	25 gpm / 95 lpm	120 gpm / 453 lpm	120 gpm / 453 lpm	120 gpm / 453 lpm
Air Fiow Rato (gpm / lpm)	31 gpm / 117 lpm	25 gpm / 95 lpm	120 gpm / 453 lpm	120 gpm / 453 lpm	120 gpm / 453 lpm

Model	Max Suction / Return Rate (gpm / lpm)	Gearbox / Storage Tank Reservoir Size (Gallons / Liters)	Hydraulic Reservoir Size (Gallons / Liters)
DC-BB	31 / 117	15 / 57	2 / 8
DC-1	25 / 95	35 / 132	5 / 19
DC-2	120 / 453	200 / 757	60 / 227
DC-3	120 / 453	350 / 1325	100 / 379
DC-4	120 / 453	500 / 1893	200 / 757

WWW.SILVERIENG.COM | SALES@SILVERIENG.COM | 1300 716 413 | WHATSAPP +61 458 047 075

SILVERI ENGINEERING & TRADING

SINFTFILTER

STAUFF DESICCANT

EQUIVALENTS BREATHERS

PART NUMBER	**SDB-093/2**	**SDB-096/2**	**SDB-121/2**	**SDB-122/2**	**SDB-096/CV**
THREAD SIZE	MALE G3/4	MALE G3/4	MALE G1-1/4	MALE G1-1/4	MALE G3/4 BSP
	BSP 98mm	BSP 98mm	BSP 130mm	BSP 130mm	98mm
UNIT WEIGHT	1.2KG	1.5KG	2.7KG	4KG	1.5KG

STANDARD DESICCANT BREATHERS

PART NUMBER	**DC-BB**	**DC-1**	**DC-2**	**DC-3**	**DC-4**
THREAD SIZE	3/8" (NPT)	3/8" (NPT)	1” THREADED	1” THREADED	1” THREADED
	64mm	64mm	101.6mm	101.6mm	101.6mm
UNIT WEIGHT	0.14 KG	0.23KG	0.55KG	0.85KG	1.2KG

WWW.SILVERIENG.COM | SALES@SILVERIENG.COM | 1300 716 413 | WHATSAPP +61 458 047 075