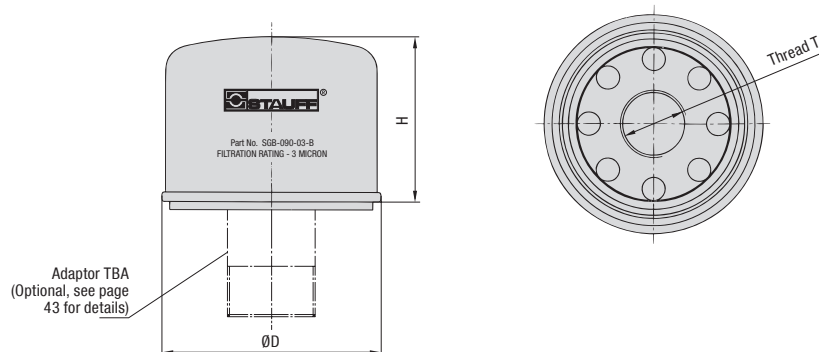


Giant Air Breather Type SGB



Characteristics

Originally designed to be used as replaceable air filter elements for STAUFF Desiccant Breathers, they can also be used as separate air filters for hydraulic reservoirs

Features

- Diameter of Ø68 mm / Ø2.68 in (SGB-060), Ø100 mm / Ø3.94 in (SGB-090) or Ø130 mm / Ø5.12 in (SGB-120)
- Equipped with female BSP thread (ISO 228)
- Including sealing made of NBR (Buna-N®)
- Operating temperature range: -32 °C ... +100 °C / -25 °F ... +212 °F

Accessories / Options

- Adaptors (for direct installation on top of hydraulic reservoirs)

Please see page 43 for a selection of adaptors available, and contact STAUFF for further information.

Air Flow

- Maximum air flow rates:
0,05 m³/min / 1.77 cfm for SGB-060,
0,70 m³/min / 24.71 cfm for SGB-090, and
1,50 m³/min / 52.97 cfm for SGB-120

Dimensions and Filter Specifications

Type	Thread T*	Dimensions (mm/in)		Filter Material	Micron Rating	Filter Surface	Max. Air Flow Rate
SGB-060-03-B	Female M20 x 1,5 (ISO 13-2)	ØD	H	Synthetic Fibre	3 µm	415 cm²	0,05 m³/min
		2.68	2.36			63 in²	1.77 cfm
SGB-090-03-B	Female G3/4 BSP (ISO 228)	100	64	Synthetic Fibre	3 µm	752 cm²	0,70 m³/min
		3.94	2.52			115 in²	24.71 cfm
SGB-120-03-B	Female G1-1/4 BSP (ISO 228)	130	100	Synthetic Fibre	3 µm	2095 cm²	1,50 m³/min
		5.12	3.94			320 in²	52.97 cfm

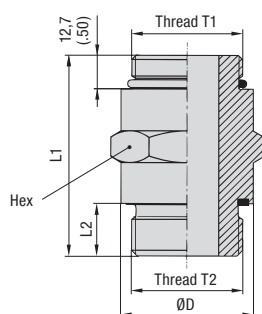
* Use adaptors TBA to change female BSP thread into male BSP or male NPT thread. Please see page 43 for details.

Order Codes

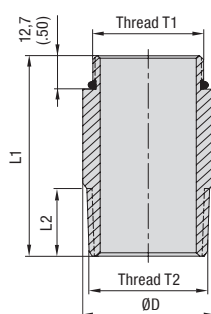
SGB - 090 - 03 - B - A				
①	②	③	④	⑤
<div> <div>① Type</div> <div>Giant Air Breather</div> <div>SGB</div> </div> <div> <div>② Size</div> <div>Diameter of Ø68 mm (Ø2.68 in)</div> <div>060</div> <div>Diameter of Ø100 mm (Ø3.94 in)</div> <div>090</div> <div>Diameter of Ø130 mm (Ø5.12 in)</div> <div>120</div> </div> <div> <div>③ Filter Material / Micron Rating</div> <div>3 µm Synthetic Fibre</div> <div>03</div> </div> <div> <div>④ Connection Thread</div> <div>Female BSP thread (according to dimension table)</div> <div>B</div> </div> <div> <div>⑤ Adaptor Option</div> <div>Without adaptor</div> <div>-</div> <div>With adaptor TBA-075-B (for SGB-090-03-B) or TBA-125-B (for SGB-120-03-B)</div> <div>A</div> </div>				
<p>Contact STAUFF for alternative materials / micron ratings.</p> <p>If required, Giant Air Breathers SGB can also be supplied in combination with a wide range of further adaptors. Please see page 43 for a selection of adaptors available, and contact STAUFF for further information.</p>				



Breather Adaptor Type TBA



TBA-038-B
TBA-075-B
TBA-125-B



TBA-075
TBA-120
TBA-125



Order Codes and Dimensions

Thread T1	Thread T2	Dimensions ^(mm/in)				For Use with ...*	Order Code
		L1	L2	ØD	Hex		
Male G3/8 BSP (ISO 228)	Male G3/8 BSP (ISO 228)	43	11	21,9	22	Desiccant Air Breathers SDB-061-CV	TBA-038-B
		1.69	.43	.86	.86		
Male 1-12 UNF (ANSI B1.1)	Male 3/4 NPT (ANSI B1.20.1)	51	20	27		Spin-On Series SF-65	TBA-075
		2.00	.79	1.05			
Male G3/4 BSP (ISO 228)	Male G3/4 BSP (ISO 228)	57	16	32	32	Giant Air Breathers SGB-090 Desiccant Air Breathers SVDB-093 Desiccant Air Breathers SVDB-096 Spin-On Series SF-35 Spin-On Series SF-36	TBA-075-B
		2.24	.63	1.26	1.26		
Male G1-1/4 BSP (ISO 228)	Male 1-1/4 NPT (ANSI B1.20.1)	76	22	42		Giant Air Breathers SGB-120 Spin-On Series SF-57 Spin-On Series SF-58	TBA-120
		3.00	.88	1.65			
Male 1-1/2-16 UN (ANSI B1.1)	Male 1-1/4 NPT (ANSI B1.20.1)	76	26	45		Spin-On Series SF-67	TBA-125
		3.00	1.01	1.77			
Male G1-1/4 BSP (ISO 228)	Male G1-1/4 BSP (ISO 228)	76	20	50	50	Giant Air Breathers SGB-120 Spin-On Series SF-57 Spin-On Series SF-58	TBA-125-B
		3.00	.79	1.97	1.97		

* Please see Filtration Technology Catalogue for technical details on Spin-On filter elements.

Characteristics

Adopts from female threaded Giant Air Breather or Spin-On Filter Element to a male thread, and thus allows for direct installation on top of hydraulic reservoirs

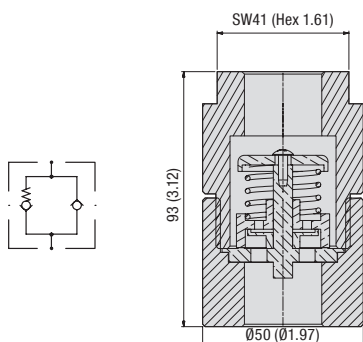
Features

- Several thread combinations available to suit most common Spin-On filter elements
- Versions with male BSP threads on both ends are equipped with hex to simplify installation
- Sealings included in delivery

Materials

- Adaptor made of Steel, zinc-plated
- Sealings made of NBR (Buna-N®)

Contact STAUFF for alternative materials.



Characteristics

Increasing the service life and reducing maintenance intervals of tank filler breathers and desiccant breathers due to less breathing

Features

- Connections: Female G3/4 BSP threads (ISO 228)
- Pressurisation of 0,35 bar / 5 PSI (no air is expelled from the reservoir until the pressurisation level is reached)
- Suitable for use with various types of Desiccant Air Breathers including SDB-096/2, SDB-093/2, SVDB-096, SVDB-093 and SDB-096-CV as well as Tank Filler Breathers including SPB-2, SPB-3 and SMT-80

Materials

- Housing made of Aluminium

Pressurised Breather Adaptor Type TBA-075-P2



Dimensional drawings: All dimensions in mm (in).

