

# KETCO FLOWGUARD SB

## FEATURES

- ▶ **Robust Swing Bolt & Nut Closure** Designed for high-integrity sealing under pressure. Swing bolts ensure secure closure while allowing easy access for maintenance with basic tools.
- ▶ **Heavy-Duty Stainless Steel Construction (SS304 / SS316L)** Engineered to withstand demanding industrial environments, including high-pressure applications and aggressive chemicals.
- ▶ **Pressure Rating up to 10 bar (145 psi)** Ideal for industrial processes requiring reliable operation under moderate to high pressure.
- ▶ **Flanged Inlet & Outlet Connections (2"-3")** Ensures a secure and leak-resistant fit for industrial piping systems. ANSI/DIN standard flanges available.
- ▶ **Supports Multiple Bag Sizes** Compatible with #3, #4, #1, and #2 size bags, providing flexibility for a wide range of flow capacities and applications.
- ▶ **Positive Seal Bag Seating** Spring-loaded or compression ring design guarantees proper sealing, eliminating risk of bypass and enhancing filtration efficiency.
- ▶ **Easy to Service** Swing bolts and nuts simplify access for bag changeouts, reducing maintenance downtime.
- ▶ **High-Capacity Design** Accommodates large dirt-holding capacity to extend service life and reduce operational costs in high-load systems.



## APPLICATIONS

- ▶ FINE & SPECIALTY CHEMICALS
- ▶ PAINTS, INKS & COATINGS
- ▶ FOOD & BEVERAGE PROCESSING
- ▶ METALWORKING FLUIDS & COOLANTS
- ▶ PHARMACEUTICAL & LIFE SCIENCES
- ▶ POWER & ENERGY INDUSTRIES
- ▶ AUTOMOTIVE & ELECTRONICS MANUFACTURING

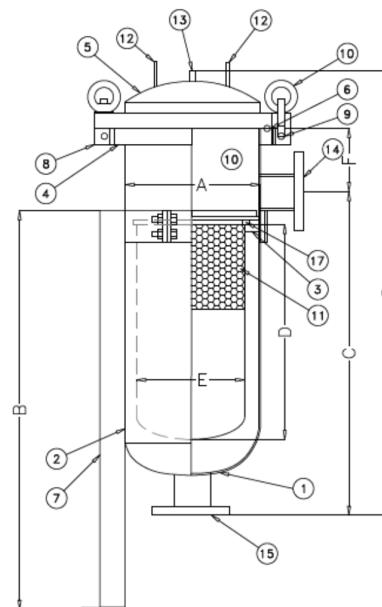


# KETCO FLOWGUARD SB



## SPECIFICATIONS

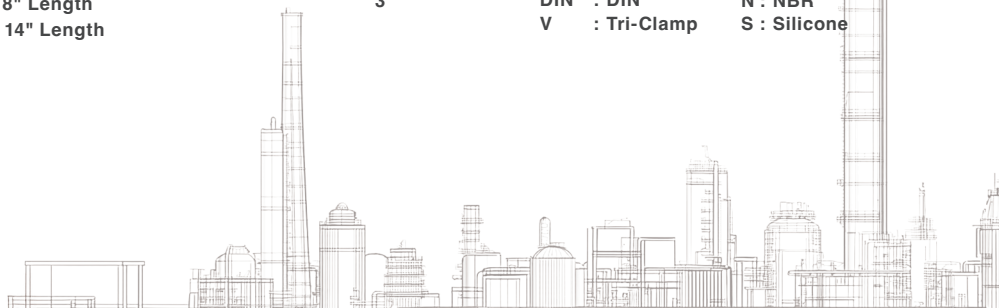
|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| <b>Model Name</b>               | FlowGuard SB                                              |
| <b>Bag Sizes Supported</b>      | #1 (Ø7"x17"), #2 (Ø7"x32"), #3 (Ø4"x8"), #4 (Ø4"x14")     |
| <b>Material of Construction</b> | SS304 or SS316L                                           |
| <b>Closure Type</b>             | Swing Bolt & Nut                                          |
| <b>Design Pressure</b>          | Max. 10 bar (145 psi)                                     |
| <b>Design Temperature</b>       | Up to 120°C (based on gasket material)                    |
| <b>Inlet/Outlet Connections</b> | 2" or 3" ANSI/DIN Flanged                                 |
| <b>Seal/Gasket Options</b>      | Buna-N (standard), Silicone, EPDM, Viton, PTFE (optional) |
| <b>Surface Finish</b>           | Sandblasted                                               |
| <b>Installation Orientation</b> | Vertical                                                  |
| <b>Lid Type</b>                 | Domed Lid with swing bolt                                 |



| Model   | Bag Size | Dimension (mm) |     |     |     |     | Flow Rate (m³/hr) |
|---------|----------|----------------|-----|-----|-----|-----|-------------------|
|         |          | A              | B   | C   | D   | E   |                   |
| FG-SB-1 | 1        | Ø220           | 500 | 550 | 350 | 170 | 20                |
| FG-SB-2 | 2        | Ø220           | 700 | 950 | 730 | 170 | 40                |
| FG-SB-3 | 3        | Ø133           | 300 | 300 | 200 | 97  | 6                 |
| FG-SB-4 | 4        | Ø133           | 400 | 400 | 310 | 97  | 12                |

## ORDERING GUIDE

| FG | SB                        | 1               | 304                      | 2                        | ANSI                   | E |
|----|---------------------------|-----------------|--------------------------|--------------------------|------------------------|---|
|    | <b>Size of Bag Filter</b> | <b>Material</b> | <b>Inlet/Outlet Size</b> | <b>Inlet/Outlet Type</b> | <b>O-ring Material</b> |   |
|    | 1 : 7" Dia X 17" Length   | 304 : SUS 304   | 2"                       | ANSI : ANSI              | E : EPDM               |   |
|    | 2 : 7" Dia X 32" Length   | 316L : SUS 316L | 3"                       | DIN : DIN                | V : Viton              |   |
|    | 3 : 4" Dia x 8" Length    |                 |                          | V : Tri-Clamp            | N : NBR                |   |
|    | 4 : 4" Dia X 14" Length   |                 |                          |                          | S : Silicone           |   |



**KETCOTEC (M) SDN. BHD.**  
6, Jalan 3/5, Bandar Baru Selayang,  
68100 Batu Caves Selangor, Malaysia

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