



## Top Entry Bag Filter Housings

HMGDF Series Top Entry Bag Filter Housings are economic single bag filter housings for standard filter bags which usually used for the coarse filtration and prefiltration. The flow enters from the side first and then enters the filter bag from the top of the housing. This design can separate the pressure automatically and will not come out turbulent flow, reduce the pressure drop, protect the filter bag effectively. Tight seal from the whole top cap ensures a good sealing to avoid the leaking. With adjustable feet, the installation dimensions can be quickly adjusted according to the actual space.

## APPLICATIONS

- General water treatment
- RO prefiltration
- Prefiltration for liquids in food and beverage, pharmaceuticals, chemicals, microelectronics industries

## BENEFITS

- Side entry and bottom out or side entry and side out design save the filter space effectively.
- Adjustable feet for adjustable installation dimensions.

## PRODUCT SPECIFICATIONS

### Body

SS304、SS316L

### Eyebolt

SS304

### Feet

SS304

### O-ring/Gasket

EPDM, PTFE, Viton, Silicone

## CONNECTIONS

### Body Connection

Flange

### Inlet/ outlet N1、N2

Flange, Quick Install, Thread

### Pressure Gage N3 (optional)

M14 x 1.5 Internal Thread

### Drain N4 (optional)

1/4" Internal Thread

## SURFACE POLISHING

### Polishing Type

Mechanical polishing,  
Electrolytic polishing,  
Abrasive blastin

### Polishing pPrecision

Inside 0.6μm ,  
Outside 0.8μm,  
Support Basket 0.6μm

## PERFORMANCE

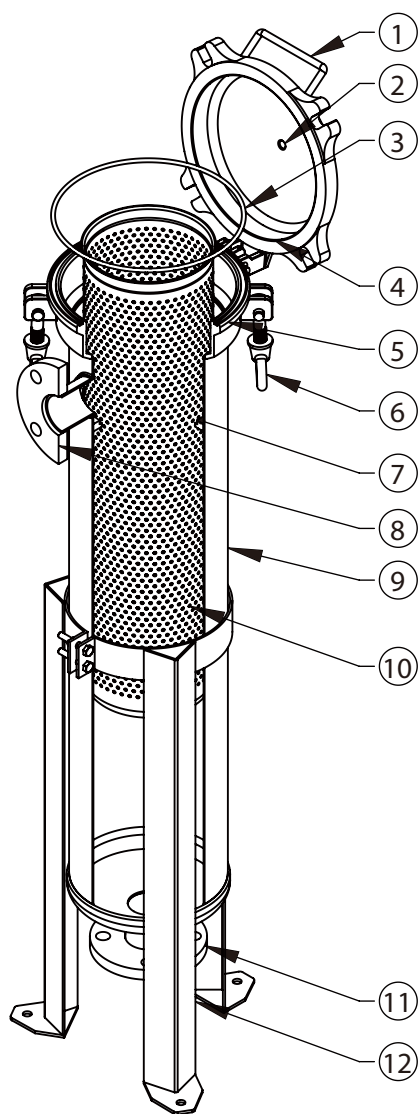
### Max Operation Pressure

0.6 MPa , 1.0 MPa

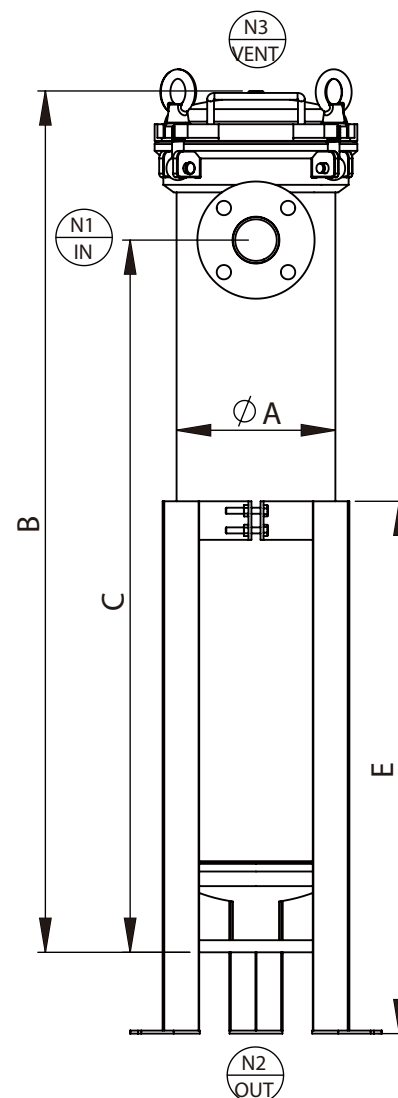
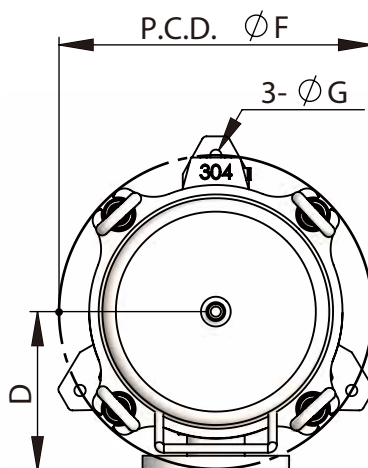
### Max Operation Temperature

150°C

| Dimensions                           | Flat lid   |            |
|--------------------------------------|------------|------------|
|                                      | Size 1 bag | Size 2 bag |
| A: Total heigh(except pressure gage) | 790        | 1100       |
| B: Inlet center distance             | 275        |            |
| C: Diameter                          | Ø204       | Ø204       |
| D1: Terrain clearance of inlet       | 620        | 940        |
| D2: Terrain clearance of outlet      | 200        |            |
| Inlet/outlet N1, N2                  | 1.5"/ 2"   |            |
| E: Adjustable feet                   | 550        | 7000       |
| Max. Flow rate m³/h                  | 20         | 40         |



| No. | Description      |
|-----|------------------|
| 1   | Handle           |
| 2   | Vent             |
| 3   | O-ring           |
| 4   | Top cover        |
| 5   | Shell Flange     |
| 6   | Eye bolt         |
| 7   | Filter Bag Plate |
| 8   | Port inlet       |
| 9   | Shell            |
| 10  | Basket           |
| 11  | Port outlet      |
| 12  | Support Leg      |



## ORDERING CODE

Example : HMGDF-2R-2S-F-A-4-P

|       | Filter Bag QTY.  | Filter Bag Size                                   | Inlet/outlet Connection                       | Surface Treatment   |
|-------|--|---|---|---|
| HMGDF | 1R = 1 Pcs<br>2R = 2 Pcs<br>3R = 3 Pcs<br>4R = 4 Pcs<br>5R = 5 Pcs<br>8R = 8 Pcs<br>12R = 12 Pcs<br>17R = 17 Pcs<br>23R = 23 Pcs | 1S = Size 1: Ø180x430<br>2S = Size 2: Ø180x810    | F = Flange<br>K = Quick Install<br>L = Thread | A = Sand Blasting<br>B = Mirror Polish<br>C = Electrolytic Polish |
|       | Body Material  | Seal Material                                     |   |   |
|       | 4 = SS 304<br>6 = SS 316L  | E = EPDM<br>P = PTFE<br>V = Viton<br>S = Silicone |   |   |