

RKSfluid[®]

Proven Technology - Superior Features
Legendary Value

BF Series
Bag Filter Housing



RKS Environmental Science & Technology (Shanghai) Co.,Ltd.

Top Entry Bag Filter Housing

Product Description

Inlet on the top, outlet on the bottom as the structure feature, liquid medium will flow from up to down. Liquid will not be affected by the disorder of the fluid. Improve the efficiency of filtration and service life. Head cover of filter housing is in integral casting, the ring of filter bag is pressed directly by head cover, its sealing is better, and the operation is easy. The product is still working normally Under the high pressure who is designed by ASME and CE standard.



Product Feature

- ◆ Liquid inflow on the top, reduced the disorder of the fluid. improve the filtration efficiency and working life.
- ◆ The ring of filter bag is pressed directly by head cover, good sealing, No side leakage.
- ◆ Adjustable bracket as a part of filter housing, easy installation.
- ◆ Integral casting of head cover, compact structure, smooth runner, low resistance, No residue and sanitary dead space.

Side Entry Bag Filter Housing

Product Description

It is an economic single bag type bag filter. Simple structure, Easy maintenance. Whole structure support of filter bag is used in inner, smooth inner wall and easy to clean. About the Side Entry bag filter, There is two kinds of head cover, is flat cover and concave type by precision casting. Its design as per ASME & CE Standard. Meet the requirements of high pressure from the customer.

Product Feature

(1) Inlet of side entry and dismountable head cover, needn't cut off the pipe line when you open the head cover, and be easy to replace the filter bag. And, because of the design of concave type for the head cover, the liquid medium will not overflow when we open the head cover. (2) Different open style can be selected the head cover, and be suitable for all kinds of working condition. (3) The unique hold-down ring design, pressing the filter bag in a full range angles, Ensure no side leakage. (4) High quality Screen basket supported (punching type and weaving type) is produce by electrolytic polishing, no burrs on the surface, take easy, easy clean, pressure-bearing fully. (5) Adjustable bracket is used by filter, easy installation. (6) Alternative Parallel type bag filter system when the work can't be stopt.



PP Bag Filter Housing

Product Description

No any parts of metal on the body of PP Bag filter housing, Filter headcover is also all-plastic. Oxidation resistance and corrosion resistance. Integration of injection molding. Weldless and blind angel. Be convenient to open the Headcover without any tools. Exhaust valve and Pressure gauge with 1/4 interface

Product Feature

- ◆ Excellent chemical properties, meet the working condition of filtration in all kinds of acid base liquid medium
- ◆ High temperature and pressure resistance which the body of filter housing is reinforced by fiberglass.
- ◆ The handle is helical structure, it can be opened without any tools, filter bag is easy to be replaced.
- ◆ Alternative Parallel type bag filter system when the work can't be stopped.
- ◆ There are three sizes #02、#01、#05 for PP Bag filter Housing , the size of PVDF Bag filter Housing is only #02.



Multi-bag Filter Housing

Product Description

RKS Multi-Bag Filter, there is two locking devices on the head cover, it is eye bolt and V hoop type. On the other hand, the ways of opening is the spring arm power opening, Open vertically , Open horizontally.

This two ways of opening is very suitable to replace frequently the filter element or replace it rapidly under keeping the continue working status. Need only 30 seconds, it will greatly improve the work efficiency.

Multi-bag filter is suitable for a working condition of high flow and a large solids, the quantity of filter bag is 2 bags to 24 bags.

Product Feature

- ◆ Humanization design, long rod type, V type clamp locking device, 30 seconds opening time.
- ◆ Open vertically and open horizontally type as its two opening way, meet the requirements of area in workshop.
- ◆ The spring arm power opening structure is easy to open the head cover by single hand.
- ◆ The Unique unit of compression in three-point, ensure the reliable sealing, avoid the side leakage of liquid medium.
- ◆ Flow is 120m³/h to 960m³/h
- ◆ Meet with GB150, ASME, CE Pressure vessel standard for production and supply



Main Technical Specifications

Optional Type of Filter material	Whole Series Hot melting welded, Sewing Filter bag
Flow (m ³ /h)	1~960
Optional precision (um)	0.5~1200
Qty of Filter bag (PC)	1~24
Filter Area (m ²)	0.1~12
Materials of Body	SS304、SS316L、CS、PP、PVDF
Viscosity (cp)	1~20000
Design Pressure (Mpa)	0.6、1.0、1.6

Optional Configuration

- ◆ JIS Flange, DIN Flange, ANSI Flange, Socket connector
- ◆ Inlet and outlet can be alternative according to the place of pipeline on the scene.
- ◆ Filter bag can be installed hollow ball, played shunt and control the amount of residual filtrate in the role of filter
- ◆ High performance magnetic bar is optional in the middle of filter bag, it can adsorb the prill.
- ◆ Filter with heating jacket to improve the filtration efficiency for high viscous liquids.
- ◆ the materials of Sealing ring is optional : NBR, EPDM, VITON, PTFE, be suitable for different medium.

Application

Applicable industries: Fine Chemistry, Water treatment, Papermaking, Automobile industry, Petrochemical, Machining, Coating, Electron, etc.

Applicative the type of liquid : All kinds of Liquid of microimpurity, wide applicability. Main function: wipe off various size particles, fluid purification, Separating liquid, Protect key equipment;

Ordering Guide

