

RKSfluid[®]

Proven Technology - Superior Features
Legendary Value

CF Series Cartridge Filter Housing



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

Sanitary Cartridge Filter Housing

Product Description

RKS Sanitary Liquid Cartridge Filter Housing meet the requirements of the hygiene grade and GMP. It is a high-end liquid filter in the field of life sciences. Polishing accuracy of up to $0.3 \mu m$, for the 12-core filter in the mechanical polishing ,electrolytic polishing is also optional, completely solve the problem of polishing dead ends. At the same time, for a very rigorous demands for the cleaning, you can choose the removable plates who is placed the filter cartridge, to achieve full-angle cleaning.



Product Feature

- ◆Sanitary polishing, the inner wall is $0.3 \mu m$, the outer wall is $0.4 \mu m$, electrolytic polishing is optional when the quantities of core is less than 12
- ◆This sanitary cartridge filter housing with vent valve and drain valve, thread bushing and the pagoda joint are separate. The flexible pipe is immobile when it vent and drain.
- ◆New-style Segmented clamp is used, it can bear more pressure, and its pressure is higher 20% than common clamp.
- ◆Strong clamp is optional under the requirement of high pressure, the seal ring of PTFE is excellent to bear pressure 1.0 Mpa.
- ◆Bracket of Filter with reinforced thread, not easy to slip teeth, can be more than 100 times the use of resistance. At the same time, the bottom of the bracket to install adjustable nut, the height of the filter can be adjusted, is convenient to use.
- ◆ The plates who is placed the filter cartridge has two types, the fixed plate type is used usually, and detachable plate is optional, convenient to clean completely.

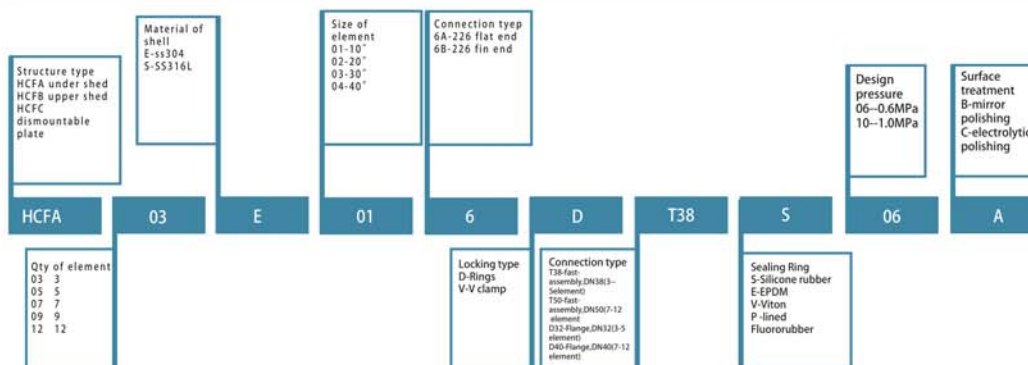
Technology Specification

| | |
|----------------------------|--|
| Material of housing | SS304、SS316L |
| Surface Treatment | Mirror polish, internal electrolytic polishing |
| Optional element | whole series filter cartridge,the connection type is 226 |
| Optional Precision (um) | 0.1~20 |
| Length of Element (inches) | 2~40 |
| Qty of Element (PC) | 1~12 |
| Design Pressure | 0.6Mpa、1.0Mpa |
| Temperature | ≤130℃ |
| Sterilization method | on line,pressure cooker120℃/30min |
| Connection type | fast-assembly |
| Vent and drain valve | fast-assembly (ID4mm,pipe ∅ 8mm) |
| Pressure gage | 1.5 fast-assembly |

Application

Mainly used in medicine, beverage industry ,it is required to produce under a sterile conditions, and just need to filter in the process of decoloration, filling, clarification. and, it will meet the requirements of sanitary filtration. On the other hand, in the field of microelectronic industry, our products will have a perfect efficiency in the process of pure water pretreatment,cooling water filtration, deionized(DI) water system filtration, filtration of chemicals, photosensitive resist filtration, plating liquid filtration, magnetic media filtration, washing liquid and spray liquid filtration, etc. the efficiency of filtration is very good.

Ordering Guide



Industrial-grade Cartridge Filter Housing

Product Description

RKS Industrial-grade Cartridge Filter Housing, is widely apply to the verious kinds of liquid precision filtration in petrochemical and fine chemical engineering industry, is used also for Security filtering in the field of wastewater treatment. This series filter can wipe off the micro contaminant in the liquid, its advantage is high precision, high efficiency, large capacity.

Product Feature

- ◆The technology of Sandblasting, polishing is used on the surface treatment. The precision is closed to 0.6um in the inner wall of filter. Is close to the sanitary grade.
- ◆It is designed as a clamp type as a locking devices on the head cover, when the filter cartridge is less than 7 Pcs. It is easy to open and operate, and the maintain is convenient. Large flow and multicore cartridge filter is used a structure of bolt lock, Mechanical spring lifting structure is its special design, it is more convenient to replace the filter cartridge.
- ◆Size of cartridge filter:single core to 150 cores
- ◆Be suitable to install the filter cartridge of double port, is easy also to install single port 222,226 connection type



Main Parameter

| | |
|----------------------------|--|
| Material of housing | SS304、SS316L |
| Surface Treatment | Sandblasting, mechanical polishing, electrolytic polishing |
| Optional element | whole series filter cartridge,the connection type is DOE、222、226 |
| Optional precision (μm) | 0.5~100 |
| Length of element (inches) | 10~60 |
| Qty of element (PC) | 1~150 |
| Design Pressure | 0.6Mpa、1.0Mpa |
| Temperature | ≤130℃ |
| Connection Type | fast-assembly、Cable connection、Flange |
| Port of Vent valve | G 1/2" (≤12 core) G 1" (>12 core) |
| Port of Drain valve | G 3/4" (≤12 core) G 1" (>12 core) |
| Pressure Gage | M 14*1.5 |

Application

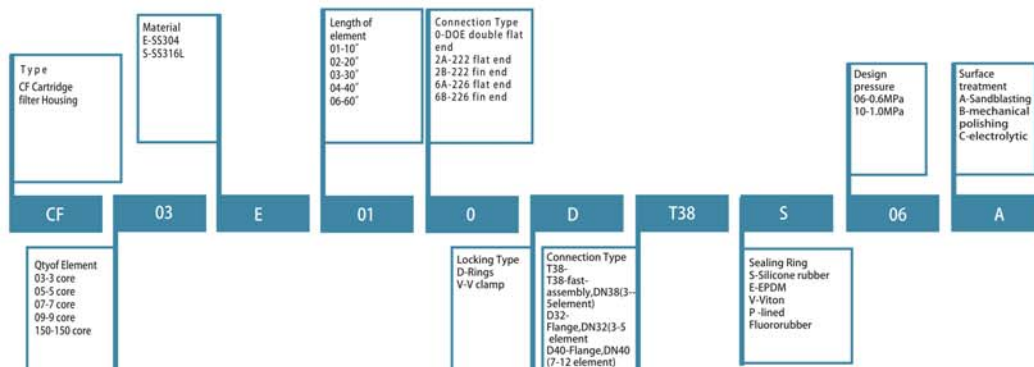
Applicable industry: Fine chemical engineering, Water treatment system, Paper-making, Automobile industry, Petrochemical industry, machining, painting, electronic industry, etc.

Applicable liquid Medium: All kinds of containing impurities liquid

Main function: wipe off Micro particles, fluid purification, protect key device.

Filtration type: particle filtration, a filtration using consumptive material.

Ordering Guide



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