

JTGTF 管式过滤器 Tube Filter

高效管道式过滤器
Simple and efficient tube filter

- JTGTF管式过滤器是一款除去管道液体中少量固体颗粒，可保护压缩机，泵，仪表和其它设备的正常工作的小型改良高效管道式过滤器。
- JTGTF管式过滤器采用多道抛光处理，保证料液接触面Ra达到 $0.4\ \mu\text{m}$ 接近卫生级要求，全镜面抛光。
- JTGTF Tube Filter is a improved small tube strainer which can remove a small amount of solid particles in the liquid, also can protect compressor, pump, instruments and other equipment to work normally.
- JTGTF Tube Filter adopts multiple polishing processing steps to ensure that the interface Ra reach to $0.4\ \mu\text{m}$ close to sanitary level. All of the surface is mirror polished.



产品特点

- 筒体内外表面采用镜面抛光，料液接触面Ra达到 $0.4\ \mu\text{m}$ 接近卫生级要求。
- 过滤器壳体采用快装连接，操作方便，经济实用。

典型的应用

- 各种液体的颗粒过滤；
- 食用油、饮料、酒类的过滤；
- 化工厂过滤
- 压缩机，泵，仪表和其它设备初过滤和保护作用。

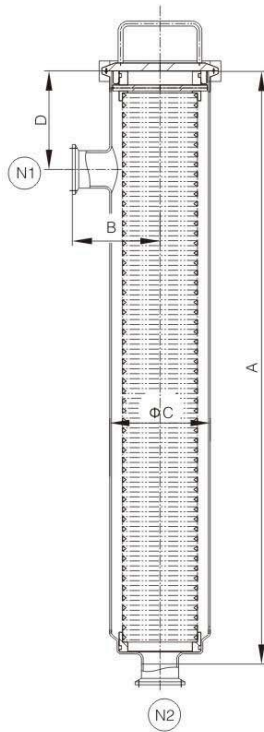
Feature

- The filter inner and outside surface using mirror polish, interface Ra reaching to $0.4\ \mu\text{m}$ to sanitary level.
- Filter housing adopts quick connection, easy to handle, economical and practical.

Application

- All kinds of liquid particle filtering.
- Edible oil, beverage, wine filtration.
- Chemical filter.
- Compressors, pumps, instrumentation and other equipment pre-filtering and protection.

常规结构 Structure



管式过滤器 Tube filter

操作条件 Operating Conditions

最大操作压力 Max operating pressure	0.6MPa、1.0MPa
最大操作温度 Max operating temperature	150°C

材料 Material

过滤器壳体 Shell	304、316L
筛管滤芯 Tube cartridge	304、316
密封圈、垫片 O-ring	三元乙丙橡胶、聚四氟乙烯、氟橡胶、硅橡胶 EPDM, PTFE, Viton, Silicone

连接 Connection

壳体连接 Connection of shell	快装 Tri-clamp
进出口N1、N2 In-outlet	2"/2.5"/3"快装 Tri-clamp

表面处理 Surface Finish

处理类型 Finish type	机械抛光、电解抛光、喷砂 Mechanical/electrolytical polishing, sand blasting
抛光精度 Polishing precision	内壁 0.4 μm Inner surface Ra≤0.4 μm 外壁 0.6 μm Outside surface Ra≤0.6 μm

尺寸参数表 Dimension Parameters

	进出口2"				进出口2.5"				进出口3"	
	46滤芯 (Cartridge)	48滤芯 (Cartridge)	56滤芯 (Cartridge)	58滤芯 (Cartridge)	46滤芯 (Cartridge)	48滤芯 (Cartridge)	56滤芯 (Cartridge)	58滤芯 (Cartridge)	56滤芯 (Cartridge)	58滤芯 (Cartridge)
A: 总高(不含滤盖、压力表) Total height	621	833	621	833	621	833	621	833	621	833
B: 进口中心距 The distance from inlet to center	89				108				127	
C: 直径 Shell diameter	Φ 101.6		Φ 129		Φ 101.6		Φ 129		Φ 129	
D: 进口N1离滤盖端面高度 InletN1 to filter cover height	100				100				100	
E: 筛管滤芯直径 The diameter of the filter screen	Φ 76		Φ 100		Φ 76		Φ 100		Φ 100	
F: 筛管滤芯长度 The length of the filter screen	554	766	554	766	554	766	554	766	554	766

上表数据为标准型管式过滤器，仅供参考，可根据客户要求定制；未注长度单位为mm。
The above-mentioned data is the standard, it can customize according to customer's requirements.

JTGTF 选型表 Selection Table

[滤芯数量 Qty. of cartridge]	[滤芯型号 Model of cartridge]	[壳体材料 Shell Material]	[进出口连接 In-outlet connection]	[进出口尺寸 Dimension]	[密封圈 O-ring]
1R	46	4	K	20	E
1R=1芯1 Pcs	46	4= 304	F=法兰 Flange	20=2"	E=三元乙丙橡胶 EPDM
	48	6= 316L	K=快装 Tri-clamp	25=2.5"	P=聚四氟乙烯 PTFE
	56		L=螺纹 Screw thread	30=3"	V=氟橡胶 Viton
	58				S=硅橡胶 Silicone