JTGDG
单芯工业级液体过滤器
Casting Single Cartridge Filter

铸造式，易更换，单芯过滤器
Casting type, easy to replace, single round filter

- JTGDG单芯工业级液体过滤器，顶部采用一体式铸造式结构，采用上进上出设计，配以转接头，可以直接连接到管路上，安装极其方便。
- 滤筒采用卫生级滤筒，抛光精度Ra<0.6μm，适用于各类过滤要求。
- JTGDG单芯工业级液体过滤器采用极其紧凑的结构设计，顶部可以固定在管路上；换芯时，只需将滤筒打开即可，整个过程无料液渗出。
- 底部配以排液阀，方便料液的排放。

- ZJTGDG Single Fluid Industrial Filter adopts the integrated casting top structure. Based on top in top out design, with the adaptor, it can be directly connected to the pipeline, the installation is extremely easy.
- The filter housing is sanitary grade, polishing precision Ra < 0.6μm suitable for many kinds of filter requirements
- JTGDG Single Fluid Industrial Filter adopts very compact structure design, and the top can be fixed in the pipeline. When you exchange the cartridges, just open the filter housing. There is no liquid leakage in whole process.
- Drain valve at the bottom is convenient for operator to discharge liquid.

产品特色
- 上进上出，可直接连接到管路上。
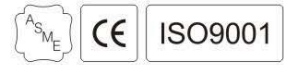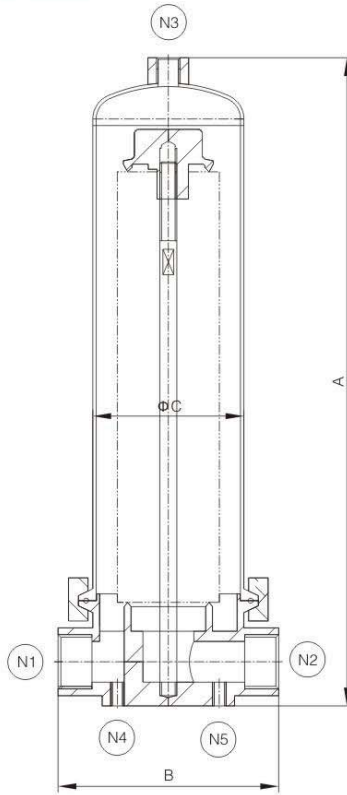- 更换滤芯简便，无料液渗出。
- 底部装有排液阀，方便排液。
- 安全的密封性设计。

Feature
- The filter is top entry & top out structure , Can be directly connected to the pipeline.
- It's easy to change cartridge, and no liquid leakage.
- Drain valve at the bottom.It's convenient for operator to discharge liquid.
- Safety seal design.

典型的应用
- 水处理：各种水质的过滤。
- 食品饮料业：酒类、矿泉水、饮用水的过滤。
- 化学工业：各种有机溶剂、酸、碱液的过滤。

Application
- Water Finish: all kinds of water filtration.
- Food & beverage: wine, mineral water, drinking water filtration.
- Chemical industry: all kinds of organic solvents, acid, alkali, filtration.

常规结构 Structure

单芯工业级液体过滤器(DOE型)
Single fluid industrial filter(DOE type)

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 temperture	150℃

材料 Material

过滤器壳体 Shell	304、316L
排液阀 Drain valve	304
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、螺纹 Quick-open, screw thread
进出口N1、N2 In-outlet	1"螺纹 1" thread
压力表N3(选配) N3 Pressure gauge (option)	1/4"螺纹 1/4"thread
排气阀N4(选配) N4Vent valve (option)	1/4"螺纹 1/4"thread
滤芯接头形式 Cartridges connection	DOE型 DOE Type

表面处理 Surface Finish

处理类型 Finish type	基座：铸造 筒体：机械抛光、电解抛光、喷砂 Base: Cast Shell: Mechanical/electrolytic polishing, sand blasting
抛光精度 Polishing precision	内壁 0.6μm Inner surface Ra≤0.3μm 外壁 0.8μm Outside surface Ra≤0.4μm

尺寸参数表 Dimension Parameters

	1芯 (1R)		
	10"	10"	10"
A：总高(不含压力表) Total height	625	625	625
B：进口中心距 The distance from inlet to center		110	
C：直径 Shell diameter		Φ101.6	
进出口 In-outlet N1、N2尺寸 Size		1"螺纹 Thread	

上表数据为标准型，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.

JTGDG 选型表 Selection Table

[滤芯数量 Qty. of cartridge]	[滤芯型号 Model of cartridge]	[滤芯接头 Cartridges connection]	[壳体材料 Shell Material]	[进出口连接 In-outlet connection]	[密封圈 O-ring]
1R	20	D	4	K	E
1R=1芯 Pcs	10=10" 滤芯 Cartridge	D=DOE型 Type	4= 304	L=螺纹 Thread	E=三元乙丙橡胶 EPDM
	20=20" 滤芯 Cartridge		6= 316L		P=聚四氟乙烯 PTFE
	30=30" 滤芯 Cartridge				V=氟橡胶 Viton
	40=40" 滤芯 Cartridge				S=硅橡胶 Silicone