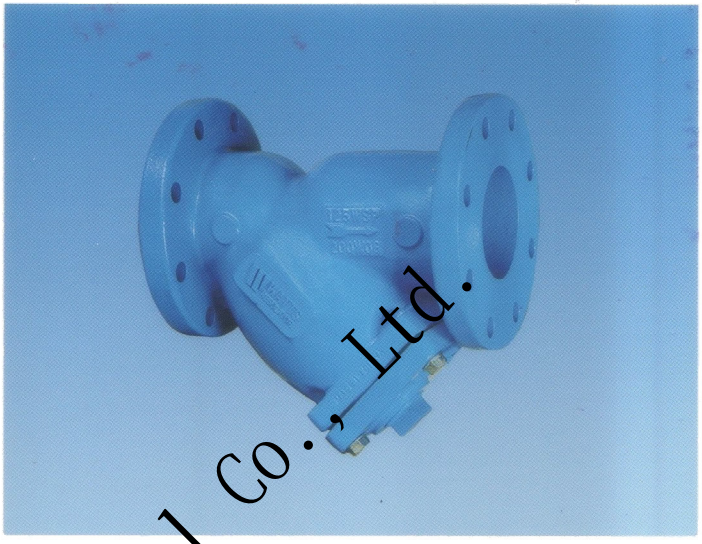
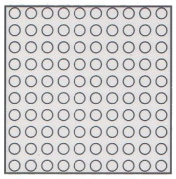
YG41-10、YG41-16 法兰连接过滤器 DN50-DN300
YG41-10、YG41-16 Flanged Strainer DN50-DN300

性能规范
Technical Specifications

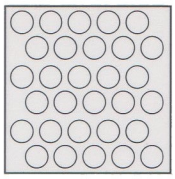
公称压力 Nominal Pressure	1.0MPa	1.6MPa
密封试验压力 Pressure Test for Sealing	1.1MPa	1.76MPa
强力试验压力 Pressure Test for Shell	1.5MPa	2.4MPa
工作温度 Working Temperature	-10-80℃	
适用介质 Suitable Medium	水、油、气 Water, Oil, Gas	



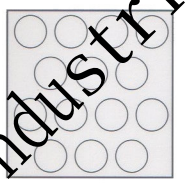
法兰连接过滤器滤网形式与尺寸
Size and Type of Screen for Flanged Strainer



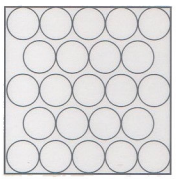
DN50-DN125
100-Ø 1.52 孔/in²
100-Ø 1.52 hole/in²



DN50-DN200
30-Ø 3.18 孔/in²
30-Ø 3.18 hole/in²



DN250
17-Ø 4.78 孔/in²
17-Ø 4.78 hole/in²



DN300
25-Ø 4.57 孔/in²
25-Ø 4.57 hole/in²

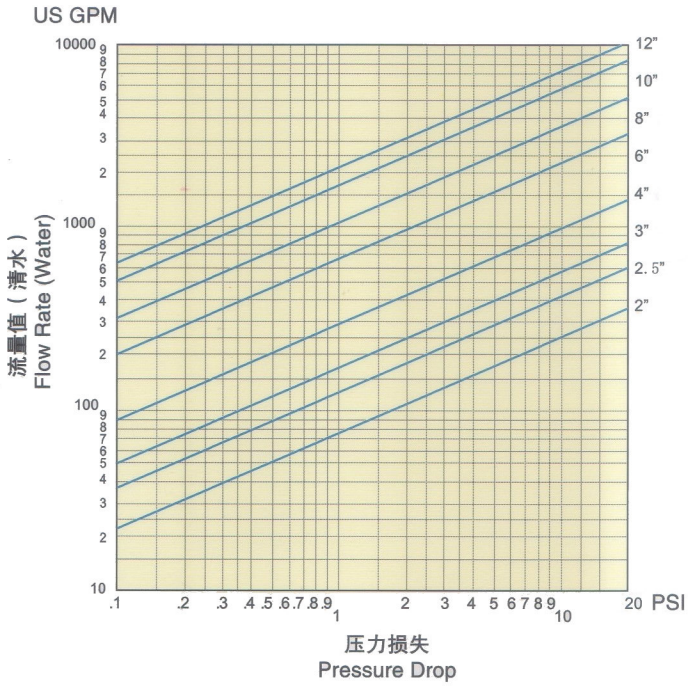
压力损失曲线
Pressure Loss Curve

连续最大流速为：20ft./s (6m/s)
间断最大流速为：25ft./s (7.6m/s)
Cv = 当阀门全开时，阀体两端压差为1磅/英寸²，介质用60° F的清水时，通过阀门的流量值（美加仑/分）。

Q（流量）= $Cv\sqrt{\triangle P}$　△P（压降）= $(Q/Cv)^2$

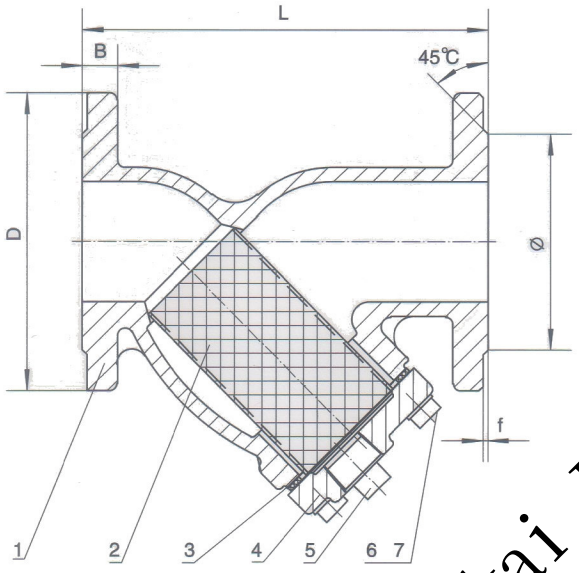
Maximum continuous flow based on velocity of 20 ft. per second.
Maximum intermittent flow based on velocity of 25 ft. per second.
The Cv factor of a valve is the flow rate in US GPM at 60° F that will cause a 1 psi drop in pressure.
The factors stated are based upon a fully open valve.

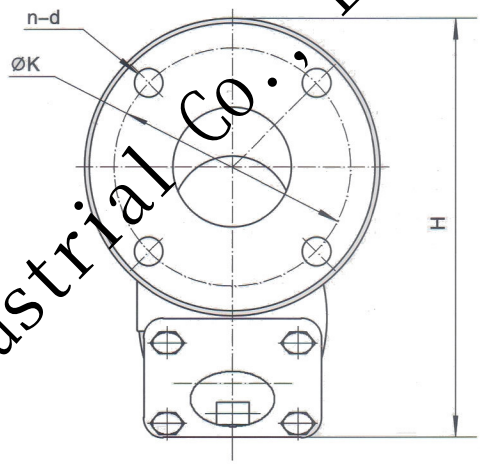
Q(Flow) = Cv　　△P（Pressure Drop）= $(Q/Cv)^2$



主要部件材质
Materials of Main Parts

序号 No.	名称 Name	材料 Material
1	壳体 Body	灰铁 Cast iron
2	过滤网 Screen	不锈钢 Stainless steel
3	密封垫 Sealing gasket	BLUE GARLOCK #3000
4	阀盖 Cover	灰铁 Cast iron
5	塞堵 Plug	灰铁 Cast iron
6	六角螺栓 Hexagonal bolt	碳钢 Carbon steel
7	垫片 Spacer	碳钢 Carbon steel





连接尺寸
Connection Dimensions

PN10/PN16 单位 Unit：mm

DN	Ø	ØK	H	L	B	D	n–d	f	重量 Weight (Kg)	滤网尺寸 Screen Size	
50	99	125	206	203.2	15.7	152.4	4–19	3	13.69	100–Ø1.52孔/in²	100– Ø1.52 hole/in²
65	118	145	240	254	20.6	177.8	4–19	3	15.89	100–Ø1.52孔/in²	100– Ø1.52 hole/in²
80	132	160	273	260.4	22.4	190.5	8–19	3	17.70	100–Ø1.52孔/in²	100– Ø1.52 hole/in²
100	156	180	322	308.1	25.4	228.6	8–19	3	29.97	100–Ø1.52孔/in²	100– Ø1.52 hole/in²
125	184	210	410	398.3	28	254	8–19	3	47.67	100–Ø1.52孔/in²	100– Ø1.52 hole/in²
150	211	240	478	471.4	25.4	279.4	8–23	3	65.32	30–Ø3.18孔/in²	30– Ø3.18 hole/in²
200	266	295	552	549.4	31.8	342.9	8–23/12–23	3	118.54	30–Ø3.18孔/in²	30– Ø3.18 hole/in²
250	319	350/355	658	654.1	35.1	406.4	12–23/12–27	3	197.04	17–Ø4.78孔/in²	17– Ø4.18 hole/in²
300	370	400/410	773	762	38.1	482.6	12–23/12–27	4	247.89	25–Ø4.57孔/in²	25– Ø4.57 hole/in²

注：1. 法兰连接尺寸符合 GB/T17241.6–1998《整体铸铁法兰》标准规定。
2. 连接尺寸表中有两个尺寸的分别表示 PN10/PN16 两种压力级的连接尺寸。
3. 滤网尺寸可以根据用户的需要更改和选择，但需在合同中注明。

Note: 1. The connection dimensions of flanges are in accordance with standard GB/T17241.6–1998 "One–piece Cast–iron Flange".
2. Where there are two dimensions in one cell, they indicate the corresponding connection dimensions under PN10 and PN16 pressure rating respectively.
3. The size of strainer screen may be changed and selected according to the requirements of users, subject to specified in contract.

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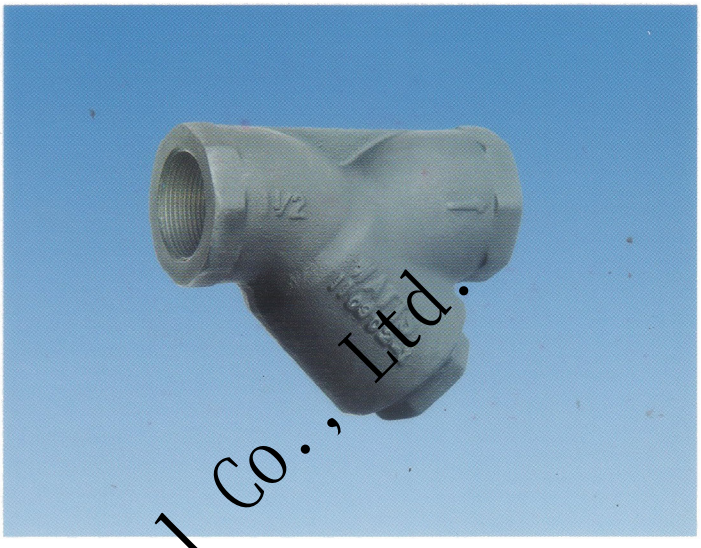
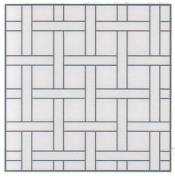
YG11-16 螺纹连接过滤器 DN6-DN80
YG11-16 Threaded Strainer DN6-DN80

性能规范
Technical Specifications

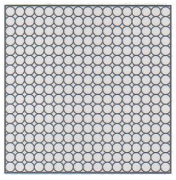
公称压力 Nominal Pressure	1.6 MPa
密封试验压力 Pressure Test for Sealing	1.76 MPa
强力试验压力 Pressure Test for Shell	2.4 MPa
工作温度 Working Temperature	-10-80℃
适用介质 Suitable Medium	水、油、气 Water, Oil, Gas



螺纹连接过滤器滤网形式与尺寸
Size and Type of Screen for Threaded Strainer



DN6-DN65
20 目/in²
20 mesh/in²



DN80
20-Ø1 孔/in²
20-Ø1 hole/in²

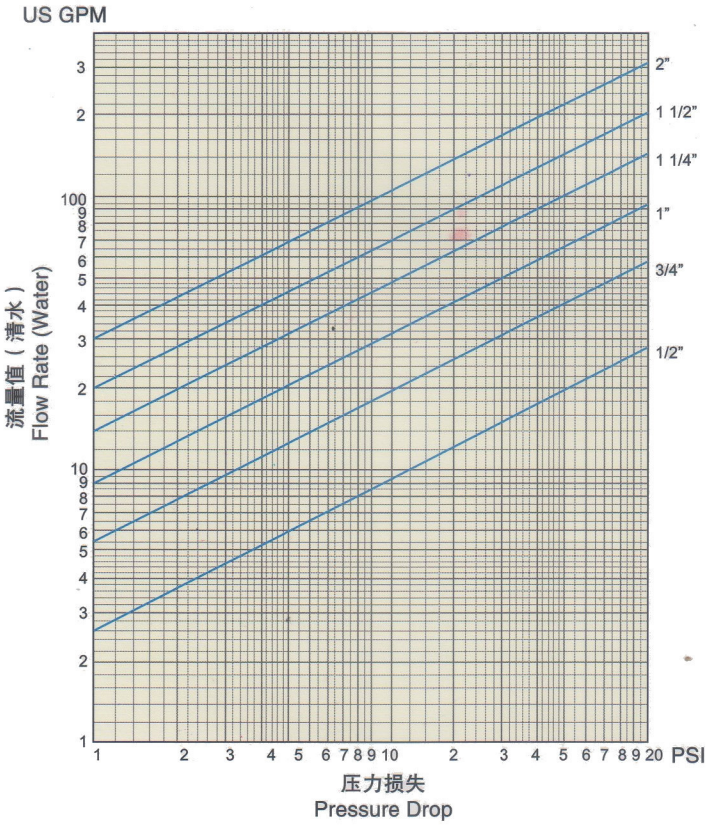
压力损失曲线
Pressure Loss Curve

连续最大流速为：20ft./s (6m/s)
间断最大流速为：25ft./s (7.6m/s)
Cv = 当阀门全开时，阀体两端压差为1磅/英寸²，介质用60° F的清水时，通过阀门的流量值（美加仑/分）。

Q（流量）= $Cv\sqrt{\triangle P}$　　△P（压降）= $(Q/Cv)^2$

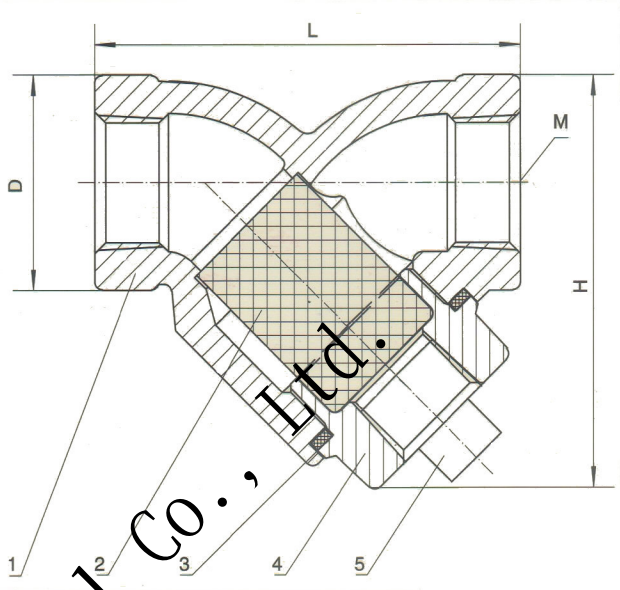
Maximum continuous flow based on velocity of 20 ft. per second.
Maximum intermittent flow based on velocity of 25 ft. per second.
The Cv factor of a valve is the flow rate in US GPM at 60° F that will cause a 1 psi drop in pressure.
The factors stated are based upon a fully open valve.

Q(Flow) = Cv　　△P（Pressure Drop）= $(Q/Cv)^2$



主要部件材质
Materials of Main Parts

序号No.	名称 Name	材料 Material
1	阀体 Body	灰铁 Cast iron
2	过滤网 Screen	不锈钢 Stainless steel
3	密封垫 Sealing gasket	BLUE GARLOCK #3000
4	阀盖 Cover	灰铁 Cast iron
5	塞堵 Plug	灰铁 Cast iron



PN16 单位 Unit：mm

规格 Size	D	L	H	M	重量 Weight (Kg)	滤网尺寸 Screen Size
6	36.6	77.7	79.4	1/4” –18 NPT	0.84	20目 mesh/ in²
10	36.6	77.7	79.4	3/8” –18 NPT	0.84	20目 mesh/ in²
15	36.6	77.7	79.4	1/2” –14 NPT	0.84	20目 mesh/ in²
20	43.9	83.6	79.5	3/4” –14 NPT	1.2	20目 mesh/ in²
25	57.7	117.3	102.	1” –11 1/2 NPT	2.28	20目 mesh/ in²
32	66.7	134.6	113.2	1 1/4” –11 1/2 NPT	3.06	20目 mesh/ in²
40	75.6	151	136.2	1 1/2” –11 1/2 NPT	3.83	20目 mesh/ in²
50	90.4	157	174.6	2” –11 1/2 NPT	6.22	20目 mesh/ in²
65	99.3	207.3	163.4	2 1/2” –8 NPT	8.81	20目 mesh/ in²
80	118	258	206.9	3” –8 NPT	11.46	200–Ø1 孔 hole/in²

1. 与管道连接的螺纹尺寸符合GB/T12716-91的尺寸要求。
2. 滤网尺寸可以根据用户的需要更改和选择，但需在合同中注明。

1. The dimensions of thread connection to piping conform to relevant requirements of GB/T12716-91.
2. The size of strainer screen may be changed and selected according to the requirements of users, subject to specified in contract.

安装与使用建议
Installation and Use Recommendation

1. 该阀门经常安装在减压阀、泄压阀、水力控制阀或用水、用气设备进口端。
2. 应安装在距所保护阀门的距离是其通径的 6–10 倍处。
3. 安装该阀门的管路必须设置旁路。
4. 介质的流向必须与阀体上箭头方向一致。
5. 安装前必须进行试压检验。
6. 所选产品的流量必须大于或等于管道需用流量。
7. 进出口压力差大于 0.2MPa 时应进行清理或清洗。
8. 一般不安装在泵的进口。

1.The valve is normally installed at the inlet end of pressure reducing valve, pressure relief valve, and hydraulic control valve or water/gas consumption equipment.
2.To be installed at a distance from the protected valve equal to 6 to 10 times the diameter of it.
3.The piping where the valve is to be installed must be provided with bypass.
4.The flow direction of medium must accord with the direction of arrow indicated on the valve.
5.Prior to installation, pressure test and inspection must be carried out.
6.The flow of selected product must be greater than or equal to that required by the piping.
7.The valve should be cleared or cleaned when differential pressure between inlet and outlet is greater than 0.2MPa.
8.The valve generally is not installed at the inlet of pump.