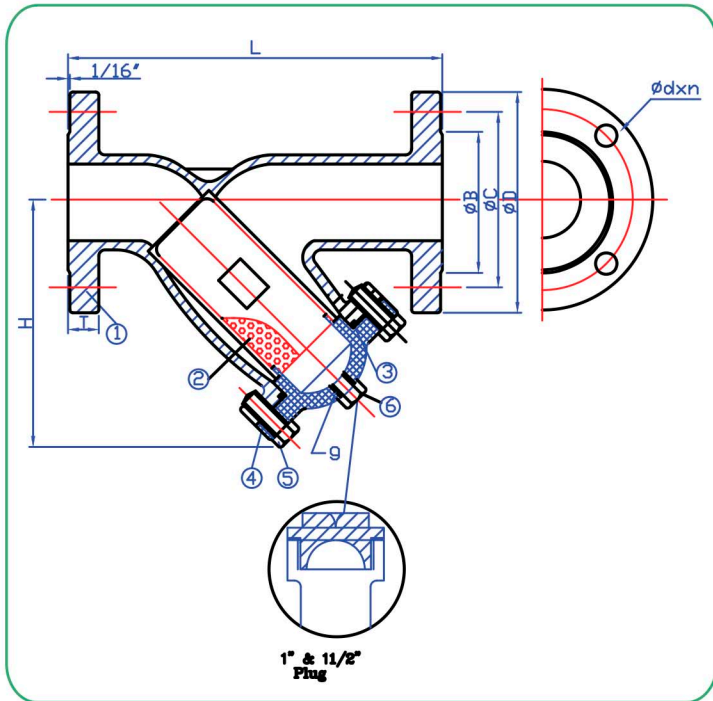
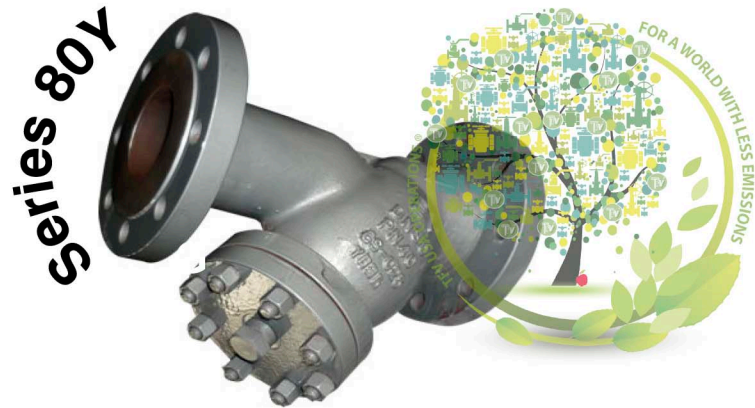


# FILTERS

## “Y” TYPE STRAINERS

### FEATURES

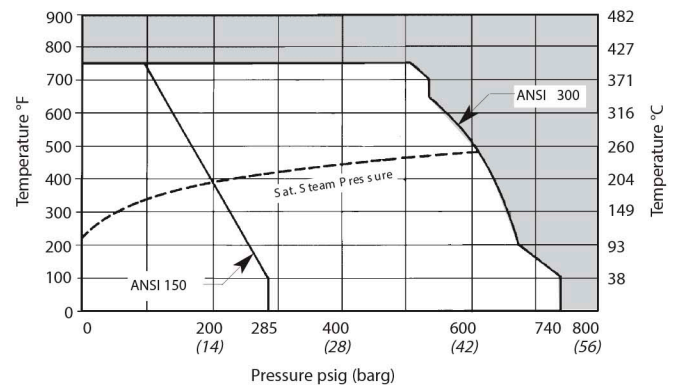
- BODY AND COVER PRECISION MACHINED CASTING
- BODY AND COVER JOINT ACCURATELY MACHINED, FULLY ENCLOSED GASKET
- SPECIAL ALLOY UPON REQUEST
- ASTM ASME B16.34 API 598 ANSI B16.5 ANSI B16.10
- DESIGN ACCORDING TO ASME B16.34
- SHELL WELL THICKNESS ACCORDING TO ASME B16.34
- FACE TO FACE ACCORDING TO ANSI B16.5 CLASS 150
- PRESSURE TEMPERATURE RATING ASME B16.34
- PRESSURE TEST ACCORDING TO API 598



### MATERIAL LIST

No.	PART NAME	MATERIAL
1	BODY	CI,WCB,SS304,SSW316
2	SCREEN	SS 304
3	GASKET	PTFE OR GRAPHITE
4	CAP	CI,WCB,SS304,SSW316
5	BOLT	A193 B7 , B8
BLOW - OFF PLUG		WCB, CF8

### LIMITING OPERATING CONDITIONS (NON-SHOCK)



### DIMENSION (INCHES)

SIZE	ØB		ØC		ØD		Ød		H		L		n		T		g (NPT)		WEIGHT (LBS)	
	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#	150#	300#
1/2"	2.01	2.00	3.13	3.50	4.25	4.88	0.59	0.75	3.62	3.86	7.44	7.60	4	4	0.44	0.69	opt.	opt.	11	13
1 1/2"	2.87	2.87	3.88	4.50	5.00	6.14	0.59	0.87	4.29	4.29	7.13	7.56	4	4	0.56	0.81	opt.	opt.	15	22
2"	3.62	3.62	4.74	5.00	5.98	6.50	0.75	0.87	5.75	5.51	8.43	9.06	4	8	0.63	0.88	1/2"	1/2"	29	33
2 1/2"	4.13	4.13	5.49	5.87	7.01	7.52	0.75	0.87	7.09	7.05	10.28	10.83	4	8	0.69	1.00	3/4"	1"	51	56
3"	5.00	5.00	6.00	6.61	7.48	8.27	0.75	0.87	7.87	8.98	11.61	12.91	4	8	0.75	1.13	1"	1 1/4"	55	64
4"	6.18	6.18	7.50	7.87	9.02	10.00	0.75	0.87	9.45	11.81	14.21	14.65	8	8	0.94	1.25	1 1/2"	1 1/2"	73	106
5"	7.32	7.31	8.50	9.25	10.00	10.98	0.87	0.87	11.81	11.81	18.50	19.49	8	8	0.94	1.38	2"	2"	136	158
6"	8.50	8.50	9.51	10.63	10.98	12.52	0.87	0.87	13.39	13.78	18.46	19.76	8	1	1.00	1.44	2"	2"	167	220
8"	10.63	10.63	11.75	12.99	13.50	15.00	0.87	0.98	18.11	16.54	24.92	25.59	8	12	1.13	1.63	2"	2"	249	319
10"	12.76	12.75	14.25	15.25	15.98	17.52	0.98	1.14	19.49	19.61	26.10	27.56	12	16	1.19	1.88	2"	2"	396	451
12"	15.00	15.00	17.01	17.75	19.02	20.47	0.98	1.26	22.64	22.64	30.39	32.28	12	16	1.25	2.00	2"	2"	550	682
14"	16.26	16.26	18.74	20.26	21.06	22.99	1.14	1.26	28.98		37.40	38.89	12	20	1.38	2.12	2"			
16"	18.50	18.50	21.26	22.50	23.43	25.51	1.14	1.38			41.34	42.93	16	20	1.46	2.25	2"			
18"	20.98	20.98	22.76	24.74	25.00	27.99	1.14	1.38			45.28	46.89	16	24	1.57	2.38	2"			



# FILTERS

## "Y" TYPE STRAINERS

### HOW TO ORDER

VALVE BODY DESIGN (SERIES)	MESH & PERFORATIONS	MATERIAL			ENDS	CLASS	SIZE	
		BODY	SCREEN	GASKET				
<b>80Y</b> Y Type strainer	<b>A</b> MESH 20 = 52% Open Area, .014 wire diam.	<b>1</b> BRONZE	<b>2</b> A216 WCB	<b>P</b> PTFE	<b>F</b> FLANGED RF	<b>0</b> ANSI 150#	<b>0.25</b>	1/4"
	<b>B</b> MESH 30 = 41% Open Area, .012 wire diam.	<b>2</b> WCB	<b>3</b> 316SS	<b>G</b> GRAPHITE	<b>R</b> FLANGED RTJ	<b>3</b> ANSI 300#	<b>0.38</b>	3/8"
	<b>C</b> MESH 40 = 36% Open Area, .010 wire diam.	<b>3</b> CF8M	<b>4</b> 304SS			<b>6</b> ANSI 600# <sup>(1)</sup>	<b>0.5</b>	1/2"
	<b>D</b> MESH 60 = 30.5% Open Area, .0075 wire diam.	<b>4</b> CF8				<b>7</b> ANSI 125#	<b>0.75</b>	3/4"
	<b>E</b> MESH 80 = 31.4% Open Area, .0055 wire diam.	<b>6</b> CI				<b>9</b> ANSI 900#	<b>1</b>	1"
	<b>F</b> MESH 100 = 30.3% Open Area, .0045 wire					<b>1</b> ANSI 1500#	<b>01.25</b>	1 1/4"
	<b>T</b> 1/32" diam. 324 holes/sq in 28% Open Area					<b>2</b> ANSI 2500#	<b>01.5</b>	1 1/2"
	<b>U</b> 3/64" diam. 225 holes/sq in 36% Open Area						<b>02</b>	2"
	<b>V</b> 1/16" diam. 132 holes/sq in 37% Open Area						<b>02.5</b>	2 1/2"
	<b>W</b> 1/10" diam. 49 holes/sq in 39% Open Area						<b>03</b>	3"
	<b>X</b> 1/8" diam. 32 holes/sq in 40% Open Area						<b>03</b>	3"
	<b>Z</b> 5/32" diam. 33 holes/sq in 62% Open Area						<b>04</b>	4"
							<b>05</b>	5"
					<b>06</b>	6"		
					<b>08</b>	8"		
					<b>10</b>	10"		
					<b>12</b>	12"		
					<b>14</b>	14"		
					<b>16</b>	16"		
					<b>18</b>	18"		
					<b>20</b>	20"		
					<b>24</b>	24"		

Example

"Y" TYPE STRAINER, BODY CAST IRON, SCREEN 304SS, MESH 20, PTFE GASKET, FLANGED ANSI CLASS 150# SIZE 6".

**80YA-64P-F006**