MODEL : STV-203F [Y Strainer]

Connection : Flange PN 16, PN 40, ANSI 150, ANSI 300

VTV VALVE, serving Multi-National end users in a wide range of applications in many industries including:

1. Palm Oil and Refinery Plant
2. Petrochemical
3. Power Plant
4. Oil & Gas Industires
5. Pulp and Papper Mill
6. Heating
7. Cooling System

Flow
→
Working Positions
✳





◆ SUITABLE FOR :

1. Water
2. Steam
3. Oil
4. Gases
5. Non-abrasive media

◆ SPECIFICATION

Standard PN 16~40, DN 15~300
ANSI 150, ANSI 300, ANSI 600
Design and manufacture : ANSI 16.34 / DIN 2401
End flange Dimensions: According to DIN
PN16/PN40|ANSI B16.5

Mesh Size : #20 ~ #40

◆ PRESSURE / TEMPERATURE RATING

According to DIN EN 1092-1 | ANSI B16.34

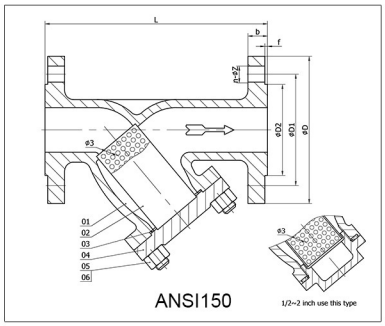
◆ MATERIAL LIST

ITEM	DESIGNATION	MATERIAL
		300#
1	BONNET BOLT	ASTM A193 B7
2	BONNET NUT	ASTM A194 2H
3	BONNET	ASTM A216 WCB
4	GASKET	GRAPHITE+STEEL
5	PLUG	CARBON STEEL
6	MESH	SS 40#
7	BODY	ASTM A216 WCB

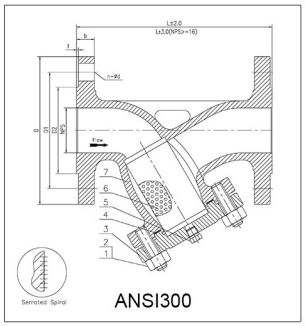
ITEM	DESIGNATION	MATERIAL	
		150#	
1	BODY	WCB	CF8
2	SCREEN	304	
3	GASKET	SS304 + GRPAHITE	
4	BOLTS	WCB	CF8
5	COVER	B7	B8
6	PLUG	2H	8

Screen: SS316L is optional

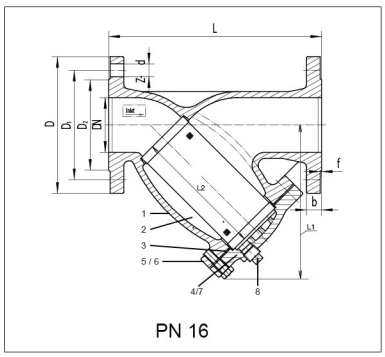
ITEM	DESIGNATION	MATERIAL	
		PN16	PN40
1	BODY	GS-C25	
2	SCREEN	SS304	SS304 (hole 3mm)
3	GASKET	Soft Graphite	Graphite+304
4	BONNET	-	GS-C25
5	BOLT	CI GG25	-
6	NUT	Steel	A193-B7
7	COVER	STEEL	-
8	PLUG	A194-2H	



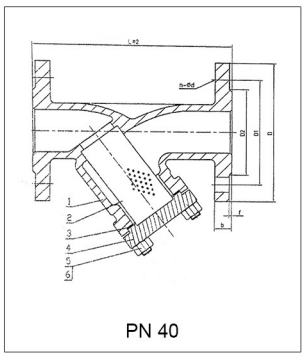
ANSI150



ANSI300



PN 16



PN 40

◆ DIMENSIONS (mm)

DN	NPS	D		D1		D2		L		KG	
		150#	300#	150#	300#	150#	300#	150#	300#	150#	300#
15	1/2"	90	-	60.3	-	34.9	-	136	-	1.5	-
20	3/4"	100	-	69.9	-	42.9	-	150	-	2	-
25	1"	110	-	79.4	-	50.8	-	155	-	2.4	-
32	1-1/4"	115	-	88.9	-	63.5	-	168	-	3.2	-
40	1-1/2"	125	-	98.4	-	73	-	206	-	4.3	-
50	2"	150	165	120.7	127	92.1	92	216	267	6.5	11
65	2 1/2"	180	190	139.7	149.2	104.8	105	250	292	9.5	15
80	3"	190	210	152.4	168.3	127	127	280	318	13.5	20
100	4"	230	255	190.5	200	157.2	157	305	356	21	35
125	5"	255	280	215.9	235	185.7	186	343	400	28	44
150	6"	280	320	241.3	269.9	215.9	216	388	444	34.6	57
200	8"	345	380	298.5	330.2	269.9	27	345	559	61	90
250	10"	405	445	362	387.4	323.8	324	545	622	86	165
300	12"	485	520	431.8	450.8	381	381	610	711	130	240

DN	NPS	D		D1		D2		L		KG	
		PN16	PN40	PN16	PN40	PN16	PN40	PN16	PN40	PN16	PN40
15	1/2"	95	-	65	-	46	-	130	-	1.88	-
20	3/4"	105	-	75	-	56	-	150	-	2.56	-
25	1"	115		85		65	68	160		3.28	4.82
32	1 1/4"	140		100		76	78	180		5.05	6.55
40	1 1/2"	150		110		84	88	200		5.87	8.74
50	2"	163		125		99	102	230		8.97	10.9
65	2 1/2"	185		145		118	122	290		13	18
80	3"	200		160		132	138	310		16.7	21
100	4"	220	235	180	190	156	162	350		24.9	37
125	5"	250	270	210	220	184	188	400		39.2	53
150	6"	285	300	240	250	211	218	480		54.9	70
200	8"	340	375	295	320	266	285	600		92	115
250	10"	405	450	355	385	319	345	730		144	202

Specification is subject to change without prior notice