

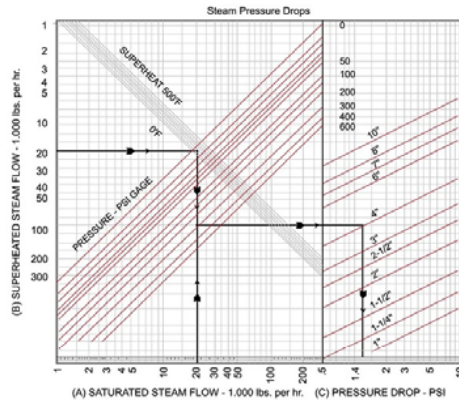
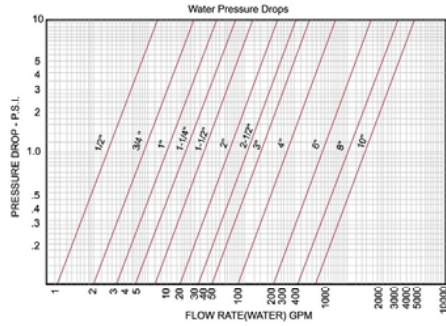


Y Strainer



Y型過濾器

- Option:**
- ▶ All option mesh Screen are available
 - ▶ Monel Screens
 - ▶ Butt Weld ,Thread and Flange Connections are Available
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- ▶ 任何目數的過濾網皆可
 - ▶ 可選蒙奈爾合金濾網
 - ▶ 套焊、牙口、各種法蘭連接方式都有



Calculating Saturated Steam Pressure Drop

Exapmle:
 Pressure = 300 psig
 Flow Rate = 20,000 lb/hr
 Strainer Size = 4 inches

1. Locate steam flow on Scale A.
2. Follow vertical line to required pressure.
3. Follow horizontal line to strainer size.
4. Follow vertical line downward and read pressure drop on Scale C.
5. Pressure drop equals 1.25 psi.

Calculating Superheated Steam Pressure Drop

Exapmle:
 Pressure = 300 psig
 Flow Rate = 18,000 lb/hr
 Strainer Size = 4 inches

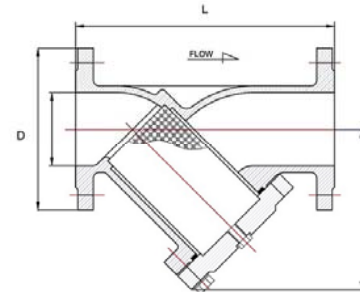
1. Locate steam flow on Scale B.
2. Follow horizontal line to superheat.
3. Follow vertical line to pressure.
4. Follow horizontal line to strainer size.
5. Follow vertical line downward and read pressure drop on Scale C.
6. Pressure drop equals 1.25 psi.

Note: Use the superheat temperature value above the saturated steam temperature to obtain the point on this graph.

Consult Hayward for 12" and larger sizes.

流阻力係數 Cv Factors

Size	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"
Cv	9.3	16.5	25	38	55	105	140	260	575	1000	1500



Material : Cast Iron

TEHCHNICAL DATA

Size DN40-DN300
 Nominal Pressure: PN10/PN16
 Working Temperature: -15--+150
 Suitable Mediuins: Fresh water.Sewage.Sea water.Air.Oils.Acids.
 Alkalis. Salts.etc
STANDARD
 Face to Face: EN558-1
 Body Flange Driling DIN2501.ANSI125/150.AS2129.BS10D&E.JIS10K
 Test Inspection: BS EN12266-1

材質表 PARTS AND MATERIAL

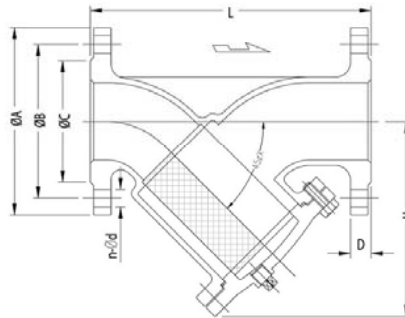
NO	PARTS NAME	MATERIAL		
		Cast iron	Cast Steel	Stainless Steel
1	BODY	ASTM A126 CL.B	A216-WCB	A351-CF8
2	BONNET	ASTM A126 CL.B	A216-WCB	A351-CF8
3	GASKET	NBR/PTFE/GRAPHITE		
4	SCREEN	SUS304		
5	PLUG	Carbon steel	AISI-304	AISI-316
6	BONNET BOLT/NUT	Carbon steel	AISI-304	

尺寸 SIZE

SIZE	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
D	150	165	185	200	220	250	285	340	405	480	520	580	615	715	840
L	200	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450
H	110	120	145	170	220	280	300	360	435	530	740	845	838	908	1078

需要更大尺寸時可以聯繫我們 Contact us for large size

所有法蘭規格皆可 All Flange Standard are Available



APPLICABLE CLASS 150 STANDARDS:
 Steel Valves ANSI B16.34
 End Flanges ANSI B16.5
 Buttwelding Ends ANSI B16.25

TEST PRESSURE TO API 598 SHELL TEST(water)

■ Material : Cast Steel & Stainless Steel

■ ANSI CLASS150

SIZE	IN	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
	mm	15	20	25	40	50	65	80	100	125	150	200	250	300
L(RF)&L1(BW)		120	130	150	190	220	270	290	350	390	440	540	700	780
H		70	70	81	104	117	143	195	221	254	279	343	406	483
ØA		89	98	108	127	152	178	190	229	254	279	343	406	483
ØB		60.5	70	79.5	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
ØC		35	43	51	73	92	105	127	157	186	216	270	324	381
ØD		11.2	11.2	11.2	14.3	15.9	17.5	19.1	23.9	23.9	25.4	28.6	30.2	31.8
n-Ød		4-16	4-16	4-16	4-16	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25
WEIGHT(KG)		1.5	1.9	2.5	4.9	7.3	10.7	15.4	25	34.5	44	88	123	173.3

■ ANSI CLASS300

SIZE	IN	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
	mm	15	20	25	40	50	65	80	100	125	150	200	250
L(RF)&L1(BW)		130	150	160	200	230	260	310	350	400	480	600	730
H		78	82	100	120	140	155	196	207	277	320	390	430
ØFA		95	117	124	156	165	190	210	254	279	318	381	444
ØFB		66.5	82.5	89	114.5	127	149	168	200	235	270	330	387.5
ØF		35	43	51	73	92	105	127	157	186	216	270	324
ØD		14.3	15.9	17.5	20.7	22.3	25.4	28.6	31.8	35	36.6	41.3	47.7
n-Ød		4-16	4-19	4-19	4-22	8-19	8-22	8-22	8-22	8-22	12-22	12-25	16-29

■ PN16

UNIT/mm

SIZE	IN	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
	mm	15	20	25	40	50	65	80	100	125	150	200
L(RF)&L1(BW)		130	150	160	200	230	290	310	350	400	480	600
H		70	70	81	104	117	143	195	221	265	291	368
ØA		95	105	115	150	165	185	200	220	250	285	340
ØB		65	75	85	110	125	145	160	180	210	240	295
ØC		45	58	68	88	102	122	138	158	188	212	268
ØD		14	16	16	16	18	18	20	20	22	22	24
n-Ød		4-14	4-14	4-14	4-18	4-18	4-18	8-18	8-18	8-18	8-22	12-22

■ JIS 10K

SIZE	IN	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
	mm	15	20	25	40	50	65	80	100	125	150	200	250	300
L(RF)&L1(BW)		120	130	150	190	220	270	290	350	390	440	600	730	780
H		70	70	81	104	117	143	195	221	265	291	390	430	600
ØFA		95	100	125	140	155	175	143	195	221	265	350	430	600
ØFB		70	75	90	105	120	140	150	175	210	240	305	380	400
ØF		51	56	67	81	96	116	126	151	182	212	275	345	368
ØD		12	14	14	16	16	18	18	18	20	22	30	34	24
n-Ød		4-15	4-15	4-19	4-19	4-19	4-19	8-19	8-19	8-23	8-23	12-25	12-27	16-25

■ JIS 20K

SIZE	IN	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
	mm	15	20	25	40	50	65	80	100	125	150	200	250
L(RF)&L1(BW)		130	150	160	200	230	290	310	350	400	480	600	730
H		78	82	100	120	140	155	196	207	277	320	390	430
ØFA		95	100	125	140	155	175	200	225	270	305	350	430
ØFB		70	75	90	105	120	140	160	185	225	260	305	380
ØF		51	56	67	81	96	116	132	160	195	230	275	345
ØD		14	16	16	18	18	20	22	24	26	28	30	34
n-Ød		4-15	4-15	4-19	4-19	8-19	8-19	8-23	8-23	8-25	12-25	12-25	12-27