

Series W2000

Stainless Steel Strainer

Technical Data Sheet



Further
Information

WATTS®

Description

The W2000 Series stainless steel strainer is designed to remove impurities from the media, protecting valves and equipment to ensure optimal performance with minimal pressure loss. Its compact design makes it ideal for space-constrained installations, with DIN/ISO welded or clamp connections available.

Size: DN15-DN100

Media: water, ≤50% ethylene glycol*

Features

- 48-micron filter screen
- Minimal pressure loss
- Efficient discharge action
- Supplied de-oiled and de-greased
- Designed for easy maintenance

*Note: For usage with other media including oil or gas, please contact us.



Figure 1
W2000 SS Strainer - Welding



Figure 2
W2000 SS Strainer - Clamp

Product Codes

Part	Type	DN/Size
SS weldable Y strainer DIN		
61090117	W2600	DN15
61090118	W2600	DN20
61090119	W2600	DN25
61090120	W2600	DN32
61090121	W2600	DN40
61090122	W2600	DN50
61090123	W2600	DN65
61090124	W2600	DN80
61090125	W2600	DN100
SS weldable Y strainer ISO		
61090126	W2600	1"
61090127	W2600	1 1/4"
61090128	W2600	1 1/2"
61090129	W2600	2"
61090130	W2600	2 1/2"
61090131	W2600	3"
61090132	W2600	3 1/2"
61090133	W2600	4"
61090134	W2600	4 1/2"

Part	Type	DN/Size
SS clamp Y strainer DIN		
61092033	W2800	DN15
61092034	W2800	DN20
61090135	W2800	DN15
61090136	W2800	DN20
61090137	W2800	DN25
61090138	W2800	DN32
61090139	W2800	DN40
61090140	W2800	DN50
61090141	W2800	DN65
61090142	W2800	DN80
61090143	W2800	DN100
SS clamp Y strainer ISO		
61090144	W2800	1"
61090145	W2800	1 1/4"
61090146	W2800	1 1/2"
61090147	W2800	2"
61090148	W2800	2 1/2"
61090149	W2800	3"
61090151	W2800	3 1/2"
61090152	W2800	4"
61090153	W2800	4 1/2"
61090305	W2800	2 1/2"

Materials

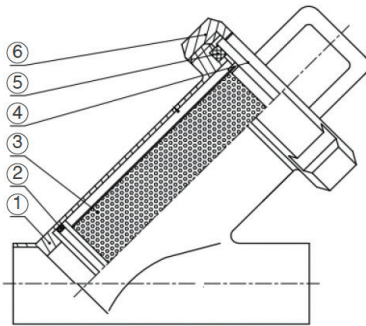


Figure 3: W2000 SS Strainer - Materials

No.	Part	Material
1	Body	Stainless steel
2	Sealing	EPDM (FKM optional)
3	Screen	Stainless steel
4	Bonnet	Stainless steel
5	Sealing	EPDM (FKM optional)
6	Nut	Stainless steel

Technical Data

Pressure-Temperature

- Nominal pressure: PN10
- Temperature range: -10°C-100°C
- Connection standard:
 - Welding: DIN 11850 / ISO 2037
 - Clamp: DIN 32676 / ISO 2852

- Test standard: GB/T 13927 EN12266-1
- Suitable media: Water, ≤50% ethylene glycol*
- Filter screen: Hole diameter 48 µm, 300 meshes

*Note: For usage with other media including oil or gas, please contact us.

Installation Dimensions

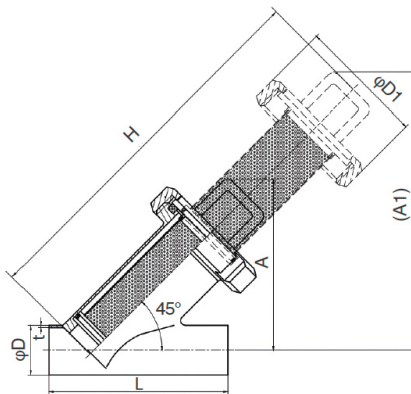


Figure 4: W2000 SS Strainer - DIN Welding

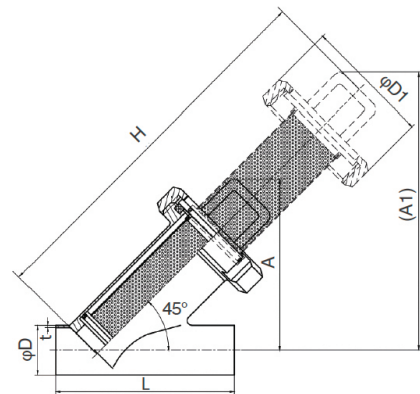


Figure 5: W2000 SS Strainer - ISO Welding

DIN Welding W2600

DN	φD	t	L	φD1	H	A	A1
DN15	19	1.5	130	72	230	94.5	164.5
DN20	23	1.5	130	72	230	96.5	166.5
DN25	29	1.5	130	72	230	99.5	169.5
DN32	35	1.5	140	82	235	105.5	170.5
DN40	41	1.5	175	97	275	127.5	202.5
DN50	53	1.5	210	111	320	145.5	240.5
DN65	70	2.0	260	138	445	203	331
DN80	85	2.0	300	148	500	206.5	341.5
DN100	104	2.0	360	185	565	240	400

ISO Welding W2600

OD	φD	t	L	φD1	H	A	A1
3/4	19.05	1.5	130	72	230	94.5	164.5
1	25.4	1.5	130	72	230	97.3	167.3
1 1/4	31.8	1.5	140	82	235	104.1	164.1
1 1/2	38.1	1.5	175	97	275	126.0	201.0
2	50.8	1.5	210	111	320	144.6	239.6
2 1/2	63.5	2.0	245	125	405	183.3	298.3
3	76.2	2.0	280	138	445	193.9	321.9
3 1/2	88.9	2.0	300	148	500	200.6	335.6
4	101.6	2.0	360	185	565	239.2	399.2
4 1/2	114	2.0	485	240	700	325.0	478.0

Installation Dimensions

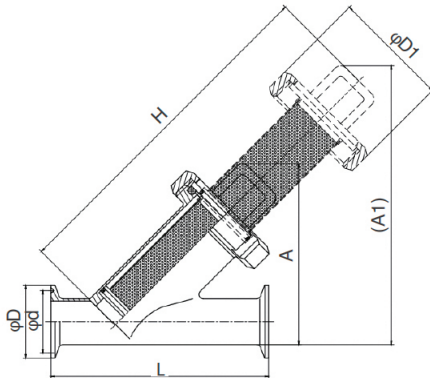


Figure 6: W2000 SS Strainer - DIN Clamp

DIN Clamp W2800

DN	ϕD	ϕd	L	$\phi D1$	H	A	A1
3/4	34/50.5	27.5/43.5	173	72	230	94.5	164.5
DN20	34/50.5	27.5/43.5	173	72	230	96.5	166.5
DN25	50.5	43.5	173	72	230	99.5	169.5
DN32	50.5	43.5	183	82	235	105.5	170.5
DN40	50.5	43.5	218	97	275	127.5	202.5
DN50	64	56.5	253	111	325	145.5	240.5
DN65	91	83.5	303	138	445	203	331
DN80	106	97	343	148	500	206.5	341.5
DN100	119	110	403	185	565	240	400

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