



Stainless Steel Valve S Series



SS-BV... Straight Stainless Steel Ball Valve Series



Straight Stainless Steel Ball Valve
PN10, PN16

Performance & Features:

Straight ball valves generally consist of a handle, a ball with a through-bore, valve body, valve core, and shaft seals.

This series is available in various standard versions for customers, including DIN, 3A, SMS, ISO/IDF, BS/RJT, and ASME BPE standards.

- ◆ Nominal diameter: Ø19 ... Ø102 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc.
- ◆ Seals: EPDM, PTFE, FKM, etc.; Temperature range: -20°C~130°C
- ◆ Connections: DIN, SMS, 3A, ISO series, etc.
- ◆ Pressure range: 0-1.0 MPa, 0-1.6 MPa

Applications:

The ball valve of this series is a multi-purpose valve, mainly used for the control of material transfer with special requirements. It is widely applied in HVAC, food and beverage processing, as well as pharmaceutical and chemical industries.

Model Designation:

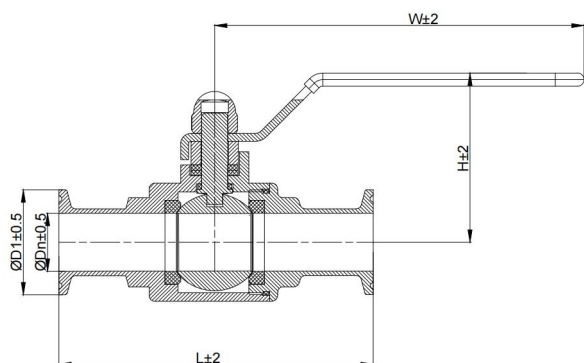
For example: SS-BV-32-C10P

1. "SS-BV" Straight Stainless Steel Ball Valve; "SSE-BV" Electric Straight Stainless Steel Ball Valve;
2. "-" Separator;
3. "-32": Size Ø32;
4. "C": Clamp (Quick-installation);
5. "10": Nominal Pressure, 1.0MPa; "16": 1.6MPa;
6. "P": Stainless Steel;

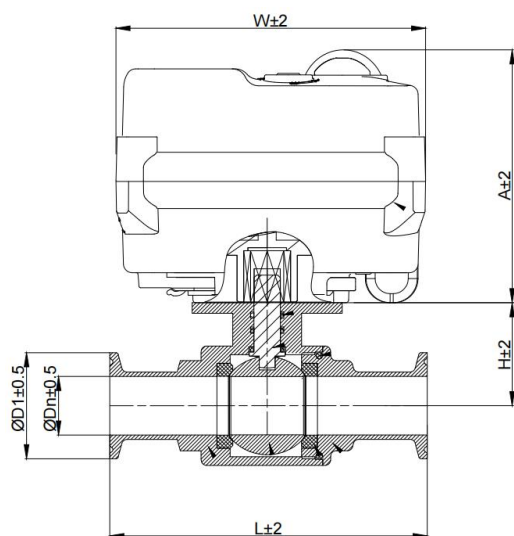


Dimension Chart:

Straight Clamp Ball Valve



SIZE	L	D1	Dn	H	W
Ø19	100	50.5/25.4	15.8	66	119
Ø25	120	50.5	22.1	66.5	141
Ø32	130	50.5	28.5	63	141
Ø38	139.5	50.5	34.8	80	159
Ø45	159	64	40	91	175
Ø51	163	64	47.5	94	175
Ø57	189	77.5	53	102	231
Ø63	190	77.5	60.2	102	231
Ø76	211	91	72.9	122	245
Ø89	232	106	84.7	138	233
Ø102	260	119	100	150.5	333



SIZE	L	D1	Dn	H	A	W
Ø19	100	50.5	16	45	90	104
Ø25	116.5	50.5	22.1	46.7	90	104
Ø32	123.6	50.5	29	49.3	90	104
Ø38	140	50.5	35	55.4	90	104
Ø45	147.4	64	42	60	90	104
Ø51	158	64	47.5	71.5	119	132
Ø57	169	77.5	53	73	119	132
Ø63	175.7	77.5	59.6	77.6	119	132
Ø76	200.5	91	73	92.3	122	159
Ø89	240.5	106	86	105.8	122	159

For other connection requirements, please consult relevant staff at ZIGTOO.

STP-BV... 3-Piece Stainless Steel Ball Valve Series



3-Piece Stainless Steel Ball Valve
PN10, PN16

Performance & Features:

The 3-piece ball valve features a full bore and full encapsulated design, which greatly reduces fluid resistance and residue, making it an ideal choice for vacuum applications or viscous fluid handling.

With its full encapsulated design, zero dead leg, and high cleanliness, the valve meets CIP and SIP sterilization and cleaning requirements.

The self-compensating seal design offers low operating torque and long service life, with normal opening and closing of more than 100,000 cycles.

A 3-piece ball valve generally consists of a handle, a ball with a through-bore, valve body, valve core and shaft seals.

This series is available in various standard versions for customers, including DIN, 3A, SMS, ISO/IDF, BS/RJT, and ASME BPE standards.

- ◆ Nominal diameter: Ø13...Ø76 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc.
- ◆ Seals: EPDM, PTFE, FKM, etc.; Temperature range: -20°C~130°C
- ◆ Connections: DIN/SMS/3A/ISO series, etc.
- ◆ Pressure range: 0-1.6MPa, 0-1.6MPa

Applications:

The 3-piece ball valve is designed for easy installation, disassembly and cleaning. It is used for conveying gases, liquids and other media. This valve is widely applied in HVAC, food, beverage, pharmaceutical and chemical industries.

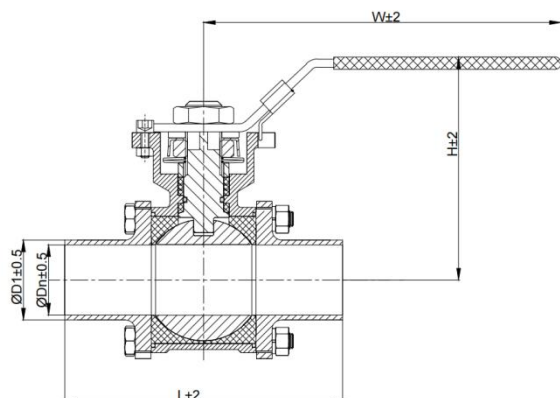
Model Designation:

For example: STP-BV-32-W16P

1. "STP -BV" 3-Piece Stainless Steel Ball Valve; "STPE-BV" 3-Piece Electric Stainless Steel Ball Valve;
2. "-" Separator;
3. "-32": Size Ø32
4. "W": Welded; C: Clamp (Quick-installation); T: Thread; F: Flange
5. "16": Nominal Pressure, 1.6MPa; "10": 1.0MPa;
6. "P": Stainless Steel;

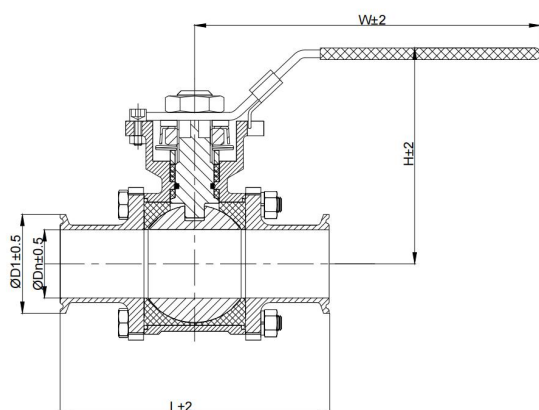
Dimension Chart:

3-Piece Welded Ball Valve



SIZE	D1	Dn	L	W	H
Ø13	12.7	9.4	89	130	68
Ø19	19.1	15.8	101	130	74
Ø25	25.4	22.1	114	168	92
Ø32	31.8	28.5	124	168	98
Ø38	38.1	34.8	140	215	122
Ø51	50.8	47.5	156	215	130
Ø63	63.5	60.2	197	245	145
Ø76	76.2	72.9	229	315	163

3-Piece Clamp Ball Valve



SIZE	D1	Dn	L	W	H
Ø13	25.4	9.4	89	130	68
Ø19	25.4	15.8	101	130	74
Ø25	50.5	22.1	114	168	92
Ø32	50.5	28.5	124	168	98
Ø38	50.5	34.8	140	215	122
Ø51	64	47.5	156	215	130
Ø63	77.5	60.2	197	245	145
Ø76	91	72.9	229	315	163

For other connection requirements, please consult relevant staff at ZIGTOO.

SM-BV... Stainless Steel Butterfly Valve Series



Stainless Steel Manual Butterfly Valve
PN10

Performance & Features:

Stainless steel butterfly valves feature excellent acid and alkali resistance and high temperature resistance, with low permanent compression deformation. Equipped with precision-forged valve discs, these quick-installation valves can withstand pressure ≤ 1.0 MPa without deformation. Their metallurgical structure is superior to precision castings. The valves are characterized by low operating torque and long service life, with normal opening and closing of more than 100,000 cycles.

This series of valves is available in various standard versions, including DIN, 3A, SMS, ISO/IDF, BS/RJT, and ASME BPE standards.

- ◆ Nominal diameter: Ø32...Ø219 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc.
- ◆ Seals: EPDM, PTFE, FKM, etc.; Temperature range: -20°C~130°C
- ◆ Connections: DIN/SMS/3A/ISO series, etc.
- ◆ Pressure range: 0-1.0MPa

Applications:

Stainless steel butterfly valves are widely used in HVAC, beer, beverage, dairy, juice, pharmaceutical, bioengineering and many other fields.

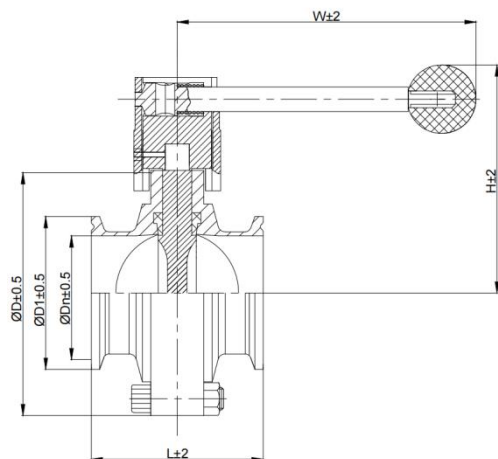
Model Designation:

For example: SM-BV-32-W10P

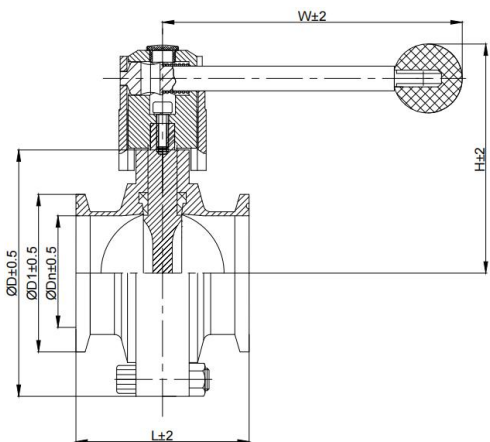
1. "SM-BV" Stainless Steel Manual Butterfly Valve; "SE-BV" : Stainless Steel Electric Butterfly Valve;
2. "-" Separator;
3. "-32": Size Ø32;
4. "W": Welded; C: Clamp (Quick-installation); F: Flange;
5. "10": Nominal Pressure, 1.0MPa;
6. "P": Stainless Steel;

Dimension Chart:

Clamp Butterfly Valve



SIZE	L	D	D1	Dn	W	H
Ø32	66	78	50.5	28.5	150	76
Ø38	70	86	50.5	34.8	150	79
Ø45	74	90	64	41	150	80.5
Ø51	76	102	64	47.5	150	86.5
Ø57	76	106	77.5	53	150	88.5
Ø63	80	115	77.5	60.2	160	99.5
Ø76	84	128	91	72.9	160	106
Ø89	86	139	106	85	180	111
Ø102	104	154	119	97.4	180	118.5
Ø108	107	154	119	104	180	121
Ø114	107	154	130	110.3	180	121

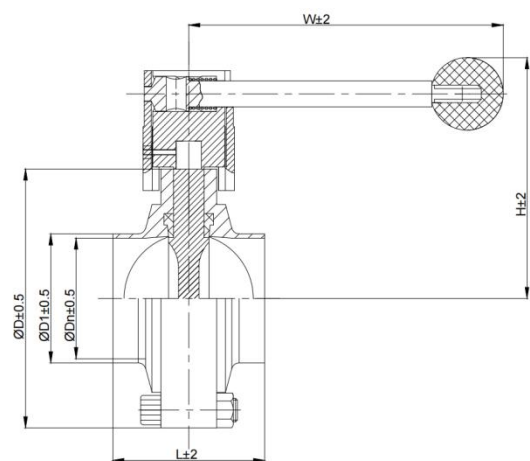


SIZE	L	D	D1	Dn	W	H
Ø127	123	185	144.5	123	200	149
Ø133	123	185	155	129	200	149
Ø152	133	215	167	146.8	250	165
Ø159	133	215	183	155	250	165
Ø168	133	215	183	163.1	250	165
Ø203	148	285	217.4	197.6	300	200
Ø219	148	285	233.5	213.8	300	200

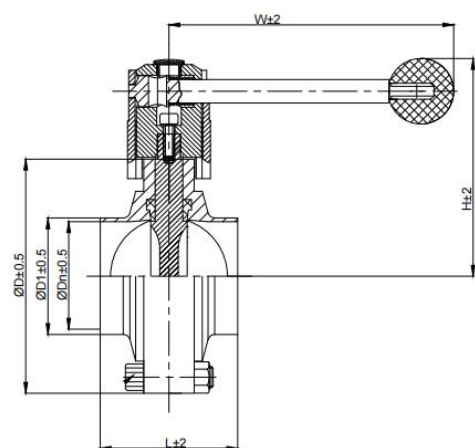
For other connection requirements, please consult relevant staff at ZIGTOO.

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Welded Butterfly Valve



SIZE	L	ØD	ØD1	ØDn	W	H
Ø32	50	78	31.8	28.5	150	76
Ø38	50	86	38.1	34.8	150	79
Ø45	50	90	45	41	150	80.5
Ø51	52	102	50.8	47.5	150	86.5
Ø57	52	106	57	53	150	88.5
Ø63	56	115	63.5	60.2	160	99.5
Ø76	56	128	76.2	72.9	160	106
Ø89	60	139	89	85	180	111
Ø102	64	154	101.6	97.6	180	118.5
Ø108	64	154	108	104	180	121
Ø114	64	154	114.3	110.3	180	121



SIZE	L	ØD	ØD1	ØDn	W	H
Ø127	80	185	127	123	200	149
Ø133	80	185	133	129	200	149
Ø152	90	215	152.4	146.8	250	165
Ø159	90	215	159	155	250	165
Ø168	90	215	168.3	163.1	250	165
Ø203	90	285	203.2	197.6	300	200
Ø219	90	285	219	213.8	300	200

For other connection requirements, please consult relevant staff at ZIGTOO.

SMTP... 3-Piece Stainless Steel Butterfly Valve Series



**3-Piece Stainless Steel Butterfly Valve
PN10**

Performance & Features:

3-piece stainless steel butterfly valves feature excellent acid and alkali resistance and high temperature resistance, with low permanent compression deformation. Equipped with precision-forged valve discs, these quick-installation valves can withstand pressure ≤ 1.0 MPa without deformation.

Their metallurgical structure is superior to precision castings. The valves are characterized by low operating torque and long service life, with normal opening and closing of more than 100,000 cycles.

This series of valves is available in various standard versions, including DIN, 3A, SMS, ISO standards

- ◆ Nominal diameter: Ø32...Ø219 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc.
- ◆ Seals: EPDM, PTFE, FKM, etc.;
- ◆ Temperature range: -20°C~130°C
- ◆ Connections: DIN/SMS/3A/ISO series, etc.
- ◆ Pressure Range: 0-1.0MPa

Applications:

3-piece stainless steel butterfly valves are widely used in HVAC, beer, beverage, dairy, juice, pharmaceutical, bioengineering and many other fields.

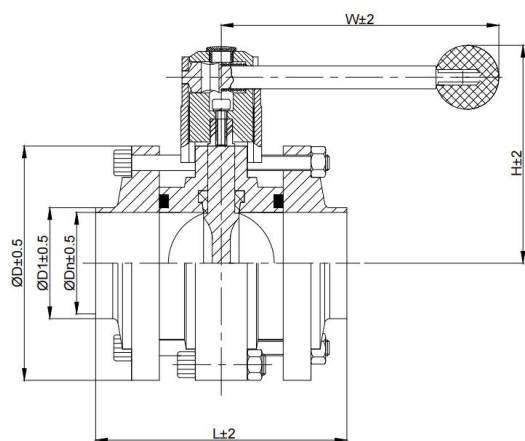
Model Designation:

For example: SMTP-32-W10P

1. "SMTP" Manual 3-Piece Stainless Steel Butterfly Valve; "SETP" : Electric 3-Piece Stainless Steel Butterfly Valve;
2. "-" Separator;
3. "-32": Size Ø32;
4. "W": Welded;
5. "10": Nominal Pressure, 1.0MPa; Nominal Pressure
6. "P": Stainless Steel;

Dimension Chart:

3-Piece Welded Butterfly Valve



SIZE	L	ØD	ØDn	ØD1	W	H
Ø51	104	102	47.5	50.8	150	94
Ø57	104	106	53	57	150	96
Ø63	106	115	60.2	63.5	160	110
Ø76	112	128	72.9	76.2	160	117
Ø89	120	139	85	89	180	122
Ø102	128	159	97.6	101.6	180	135
Ø108	128	159	104	108	180	135
Ø114	128	159	110.3	114.3	180	135
Ø127	160	185	123	127	200	149
Ø133	160	185	129	133	200	149
Ø141	160	185	137	141	200	149
Ø152	180	215	146.8	152.4	250	165
Ø159	180	215	155	159	250	165
Ø168	180	215	163.1	168.3	250	165
Ø203	180	285	197.6	203.2	300	204
Ø219	180	285	213.8	219	300	204

For other connection requirements, please consult relevant staff at ZIGT00.

SCV ... Stainless Steel Check Valve Series



**Stainless Steel Check Valve
PN10**

Performance & Features:

Stainless steel check valves are mostly used in process pipelines to prevent backflow of media.

They are spring-loaded check valves with various connection ends.

The valve body consists of upper and lower parts, assembled with standard clamps and sealed with standard gaskets.

The ribbed stainless steel disc resists heavy pressure hammer, minimizes flow resistance, and also serves as a guide for the valve plug.

When the system starts operating, the pressure below the valve plug exceeds the pressure above the valve plug plus the spring force, causing the valve disc to open.

After the system shuts down, the valve closes under the self-gravity of the system fluid and the spring force, preventing medium backflow.

This series of valves is available in various standard versions, including DIN, 3A, SMS, ISO/IDF, BS/RJT and ASME BPE standards.

- ◆ Nominal diameter: Ø13...Ø76 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc
- ◆ Seals: EPDM, PTFE, FKM, etc.; Temperature range: -20°C~130°C
- ◆ Connections: DIN/SMS/3A/ISO series, etc
- ◆ Pressure range: 0-1.0MPa
- ◆ Both vertical and horizontal installation supported, following the direction of the flow arrow.

Applications:

This series of check valves is widely used in equipment supporting systems, HVAC, food and beverage processing, as well as pharmaceutical and chemical industries and other fields.

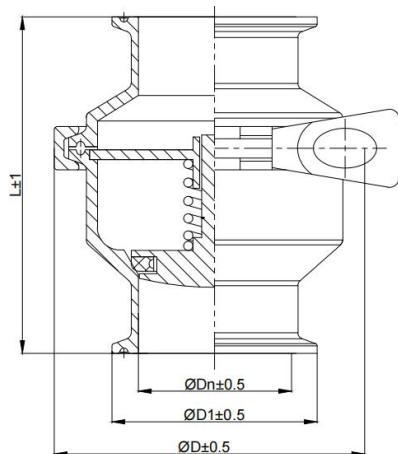
Model Designation:

For example: SCV-32-W10P

1. "SCV" Stainless Steel Check Valve;
2. "-" Separator;
3. "-32": Size Ø32;
4. "W": Welded; C: Clamp (Quick-installation);
5. "10": Nominal Pressure, 1.0MPa;
6. "P": Stainless Steel;

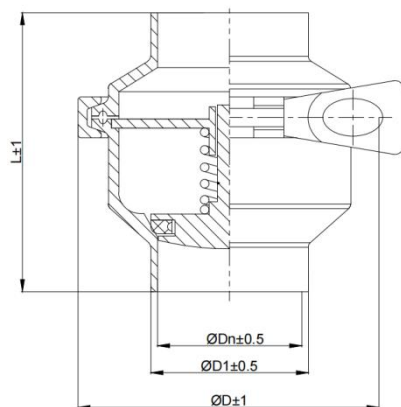
Dimension Chart:

Clamp Check Valve



SIZE	L	D1	D	Dn
Ø13	76	25.4	58	9.4
Ø19	76	25.4	58	15.8
Ø25	96	50.5	75.5	22.1
Ø32	95	50.5	89.5	28.5
Ø38	95	50.5	89.5	34.8
Ø51	105	64	102	47.5
Ø63	116	77.5	118	60.2
Ø76	124	91	128.5	72.9

Welded Check Valve



SIZE	L	D1	D	Dn
Ø13	67	12.7	58	9.4
Ø19	67	19.1	58	15.8
Ø25	71	25.4	75.5	22.1
Ø32	70	31.8	89.5	28.5
Ø38	70	38.1	89.5	34.8
Ø51	80	50.8	102	47.5
Ø63	90	63.5	118	60.2
Ø76	100	76.2	128.5	72.9

For other connection requirements, please consult relevant staff at ZIGTOO.

SYS ... Stainless Steel Y-Strainer Series



**Stainless Steel Y-Strainer
PN10**

Performance & Features:

Stainless steel Y-strainers are mainly used to filter media containing solid particles, protecting pumps, end equipment, instruments from damage and ensuring their normal operation.

This series of products is available in various standard versions, including DIN, 3A, SMS, ISO/IDF, BS/RJT, and ASME/BPE standards.

- ◆ Nominal diameter: Ø25...Ø102 (For other sizes, please consult ZIGTOO representative.)
- ◆ Steel parts: SUS304, SUS316L, etc.
- ◆ Seals: EPDM, PTFE, FKM, etc.; Temperature range: -20°C~130°C
- ◆ Connections: DIN/SMS/3A/ISO series, etc.
- ◆ Pressure range: 0-1.0MPa
- ◆ Stainless steel filter screen, with mesh size customizable as required.

Applications:

This series of Y-strainers is widely used in HVAC, food and beverage processing, as well as pharmaceutical and chemical industries and other fields.

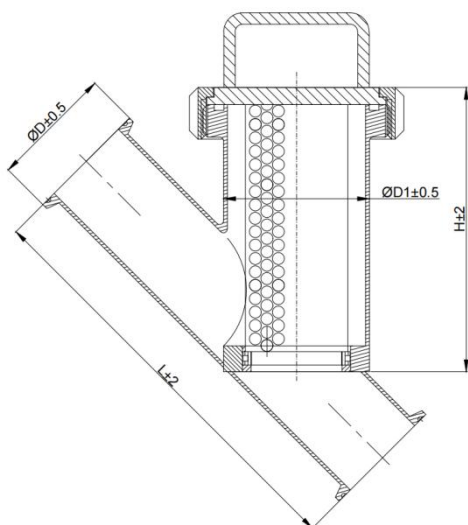
Model Designation:

For example: SYS-32-W10P

1. "SYS" Stainless Steel Y-Strainer
2. "SRS" Stainless Steel R-Strainer
3. "-": Separator
4. "-32": Size Ø32;
5. "W": Welded; C: Clamp (Quick-installation); Flange;
6. "10": Nominal Pressure, 1.0MPa;
7. "P": Stainless Steel;

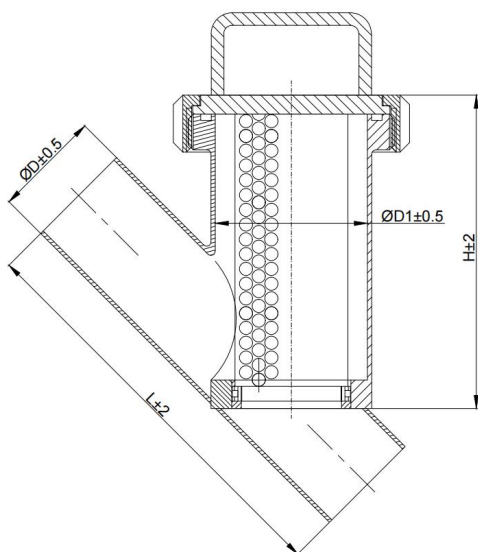
Dimension Chart:

Clamp Y-Strainer: SYS



SIZE	L	D	H	D1
Ø25	140	50.5	92	38
Ø38	175	50.5	118	54
Ø51	220	64	150	76.2
Ø63	265	77.5	184	89
Ø76	305	91	209	114.3
Ø89	330	106	238	114
Ø102	376	119	272	140

Welded Y-Strainer: SYS

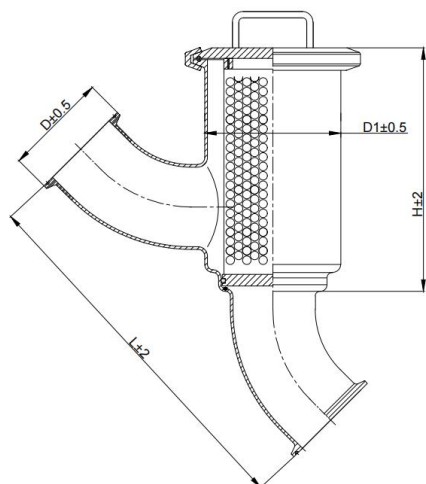


SIZE	L	D	H	D1
Ø25	115	25.4	92	38
Ø38	150	38.1	118	54
Ø51	195	50.8	150	76.2
Ø63	240	63.5	184	89
Ø76	280	76.2	209	114.3
Ø89	300	89	238	114
Ø102	360	101.8	272	140

For other connection requirements, please consult relevant staff at ZIGTOO.

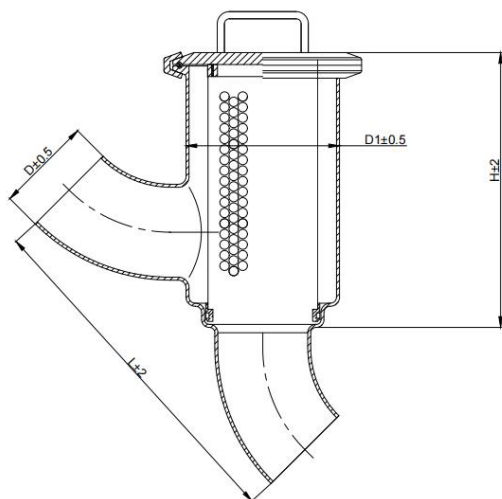
Dimension Chart:

Clamp R-Strainer: SRS



SIZE	L	D	H	D1
Ø25	200	50.5	146	76
Ø38	185	50.5	146	76
Ø51	225	64	161	89
Ø63	275	77.5	183	102
Ø76	305	91	203	114.3
Ø102	391	119	271	140

Welded R-Strainer: SRS



SIZE	L	D	H	D1
Ø25	160	25.4	146	76
Ø38	164	38.1	146	76
Ø51	195	50.8	161	89
Ø63	240	63.5	183	102
Ø76	280	76.2	203	114.3
Ø102	362	101	271	140

For other connection requirements, please consult relevant staff at ZIGTOO.