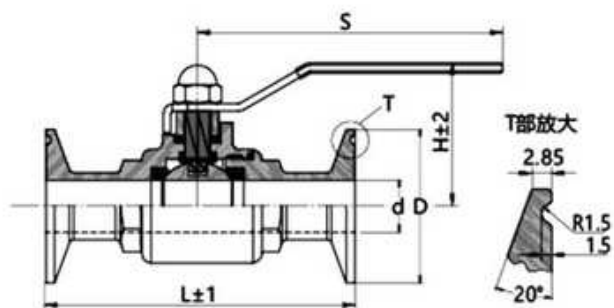


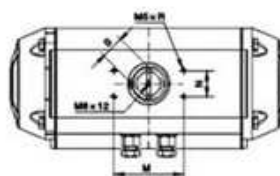
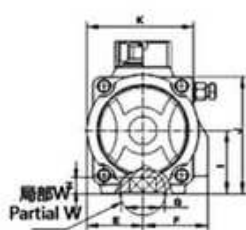
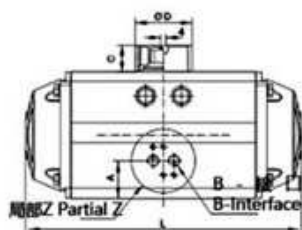
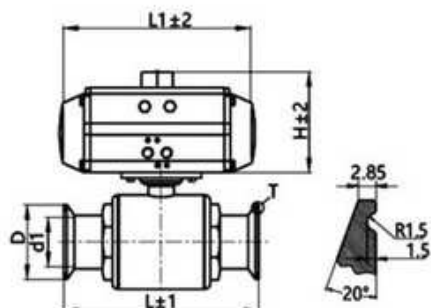




Size	d	D	L	H	S
1/2"	10	25.5	75	41	95
3/4"	17	50.5	100	47	124
1"	22	50.5	120	62	132
1 1/4"	28	50.5	130	66	137
2 1/2"	35	50.5	140	76	154
1 3/4"	42	64	150	84	160
2"	47.5	64	164	91	173
2 1/4"	53	77.5	164	93	173
2 1/2"	60	77.5	190	97	173
3"	72	91	215	106	234
3 1/2"	80	106	225	125	244
4"	100	119	260	164	244
5"	125	145	320	210	350

Sanitary Pneumatic Straight Ball Valve

Size	d	D	L	Cylinder model
1/2"	10	25.5	75	AT40
3/4"	17	50.5	100	AT52
1"	22	50.5	120	AT63
1 1/4"	28	50.5	130	AT63
2 1/2"	35	50.5	140	AT75
1 3/4"	42	64	150	AT75
2"	47.5	64	164	AT83
2 1/4"	53	77.5	164	AT83
2 1/2"	60	77.5	190	AT92
3"	67	91	215	AT105
3 1/2"	86	106	225	AT105
4"	100	119	260	AT125
5"	125	145	320	AT140



Horizontal Pneumatic Actuator

size: mm

Model	Size						Remarks
	L	J	E	F	S	I	P
WH050D/S	140.5	69	29	41.5	11	34.5	9
WH063D/S	158.5	85	36	47	11	42.5	11
WH075D/S	210.5	102	42.5	52	19	51	17
WH083D/S	247.5	115	49.5	56.8	19	57.5	17
WH105D/S	268.5	127	56	67	19	63.5	17/22
WH125D/S	345	157	69.5	82	27	78.5	27
WH140D/S	408.5	177	80	91.5	27	88.5	27
WH160D/S	437.5	196	88	99	27	98	27
WH180D/S	487	220.5	99	105	42	111.5	27
WH200D/S	543	245	110	112	42	112	27
WH240D/S	621	298.5	131	131	42	150.5	36
WH265D/S	684	330	163.5	166	42	165	36
WH330D/S	-	-	-	-	-	-	-



Manual Diaphragm Valve Series



Diaphragm Valve Single Head Disinfection

Specifications: 1/2"–4", DN10–DN100
Temperature: –20°C to 150°C
Pressure: 10–bar
Material: 316L
The smaller | ighter than the other valves
Operating torque is small



Double Headed Disinfection Of Diaphragm Valve

Specifications: 1/2"–4", DN10–DN100
Temperature: –20°C to 150°C
Pressure: 10–bar
Material: 316L
The smaller | ighter than the other valves
Operating torque is small



Three Way Flange Type Diaphragm Valve

Specifications: 1/2"–4", DN10–DN100

Temperature: –20°C to 150°C

Pressure: 10–bar

Material: 316L

The smaller lighter than the other valves

Operating torque is small

Diaphragm Sheet

Modified EPDM is used to produce polymer materials, high-strength woven materials are applied to bonding so as to ensure maximum strength and durability. Latest vulcanizing technology is used to extend service lifetime and improve reliability.

Double-layer diaphragm sheet PTFE(+EPDM backup sheet) is a form of high standard diaphragm sheet applied to sanitary diaphragm valve worldwide. It is a most stable product for production technology in which SIP sterilizing is used frequently. It is widely applicable to such fields as blood products, vaccine, bio-pharmacy, big/small volume injection, aseptic production, fermentation, injection water supply as well as distribution loop.

Besides protecting PTFE sheet that contacts products, EPDM backup sheet also can strengthen sealing effect of PTFE sheet. Synchronous use of PTFE diaphragm sheet and EPDM backup sheet can achieve best level for reliability and service lifetime.

Property features

- Good anti-creep and pressure-resistant property
- Good thermal mechanical property
- Good flexing lifetime
- Tight structure, without air hole
- Smooth surface without residues
- Durable service lifetime



Index

Executive standard: FDA21CFR177.2600

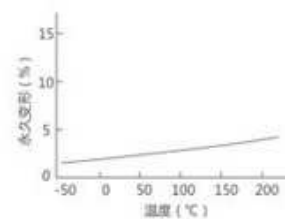
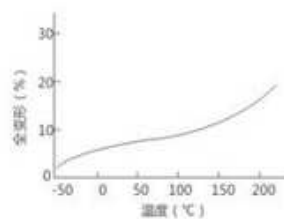
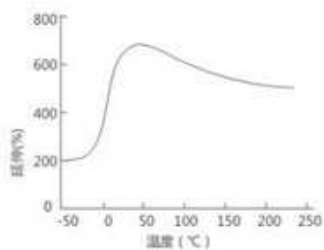
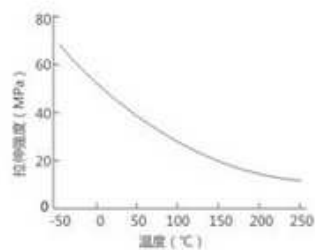
Working temperature: $-120^{\circ}\text{C} \sim 150^{\circ}\text{C}$

Working pressure: Max. 0.6Mpa

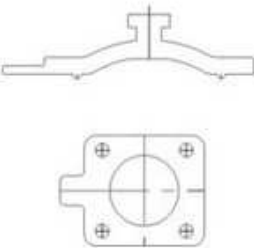
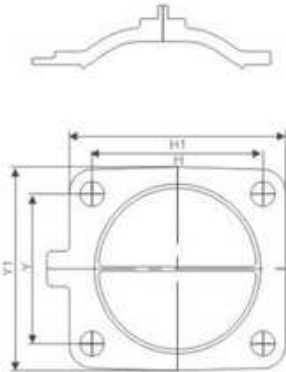
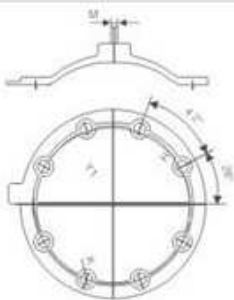
Designed lifetime: >300,000次times/ 25°C

Diaphragm material: new type ; PTFE

Diaphragm specification : D N8-DN125



Diaphragm Size Table

	规格	H × Y	H1 × Y1	M	K
	DN6	21 × 21	35 × 35	9.5	5
	DN8	21 × 21	35 × 35	9.5	5
	DN10	21 × 21	35 × 35	9.5	5
	DN15	34 × 40	51 × 48	M4	6
	DN20	55 × 46	74 × 68	M6	9
	DN25	55 × 46	74 × 68	M6	9
	DN32	70 × 65	102 × 90	M6	11
	DN40	70 × 65	102 × 90	M6	11
	DN50	75 × 84	112 × 105	M6	13
	DN65	108 × 95	134 × 126	M8	15
	DN70	126 × 114	185 × 156	M8	15
	DN80	126 × 114	185 × 156	M8	15
	DN100	194 × 8	135	M8	15
	DN125	194 × 8	135	M8	15

Straight Way Diaphragm Valve

Diaphragm valve is a kind of diaphragm product with wide application in fluid control system of fluid-related industries like pharmacy, biology, dairy products, drink, chemical engineering, cosmetics, food and electronics etc. Its advantages include no dead angle, no leakage, easy cleaning, low maintenance cost and convenient operation etc. Automatic control and manual

control can be realized, which can reduce operating costs for enterprises. Discharge is clean in time of 35 degrees installation. There is no risk of leakage inside the valve. It has high resistance to corrosion. Highly viscous materials can easily pass through diaphragm valve, which can be a substitute for ball valve and butterfly valve with high requirement for cleanness



规格	DN	D	L
DN15	16	50.5	110
DN20	20	50.5	118
DN25	24	50.5	133
DN32	31	50.5	151
DN40	36	50.5	164
DN50	49	64	194
DN65	60	77.5	207
DN70	72	91	237
DN80	85	106	270
DN100	98	119	303

Diaphragm Valve DN8-100

型号	LYG81F 601	LYG81F 602	LYG81F 612	LYG81F 673	LYG81F 673P9
驱动类型	手动	手动	手动	手动	手动
执行机构	不锈钢执行器顶部，塑料手轮，带可视位置指示器和关闭限位	不锈钢执行器顶部，不锈钢手轮，带可视位置指示器和关闭限位	不锈钢执行器顶部，塑料手轮，带可视位置指示器和关闭限位	不锈钢执行器顶部，塑料手轮，带可视位置指示器和关闭限位	不锈钢执行器顶部，塑料手轮，带可视位置指示器和关闭限位，特殊密封件向外突出
DN	4-15	4-15	10-20	15-50	40-50
可耐受高压灭菌	•	•	•	•	•
工作温度*	-10-150℃	-10-150℃	-10-150℃	-10-150℃	-10-150℃
工作压力*	0-10bar	0-10bar	0-10bar	0-10bar	0-10bar
电压	-	-	-	-	-
MG 8	•	•	-	-	•
MG 10	-	-	•	-	•
MG 25	-	-	-	•	•
MG 40	-	-	-	•	•
MG 50	-	-	-	•	•
MG 80	-	-	-	-	-
MG 100	-	-	-	-	-

型号	LYG81F 653	LYG81F 654	LYG81F 611	LYG81F 671	LYG81F 618	LYG81F 648	LYG81F 698
驱动类型	手动	手动	手动	手动	电动	电动	电动
执行机构	不锈钢执行器顶部，塑料手轮，带可视位置指示器，行程开关限位，可锁定，可安装位置指示器	不锈钢执行器顶部，不锈钢手轮，带可视位置指示器，行程开关限位，可锁定，可安装位置指示器	塑料执行器顶部，塑料手轮，带可视位置指示器，可关闭	塑料执行器顶部，塑料手轮，带可视位置指示器，可选配位置指示器，可关闭	塑料执行器顶部，带/不带不锈钢压块，带可视位置指示器	塑料执行器顶部，带可视位置指示器，带不锈钢压块	塑料执行器顶部，带不锈钢压块，带可视位置指示器和手动紧急操作装置
DN	10-100	4-100	10-20	15-100	4-15	15-100	15-50
可耐受高压灭菌	•	•	•	-	-	-	-
工作温度*	-10-150℃	-10-150℃	-10-80℃	-10-80℃	0-130℃ (不带压块150-50℃)	0-150℃	0-150℃
工作压力*	0-10bar	0-10bar	0-10bar	0-10bar	0-10bar	0-10bar	0-10bar
电压	-	-	-	-	24VAC, 120VAC, 230VAC, 50/60Hz	24VDC, 120VAC 50/60Hz, 230VAC 50/60Hz	24VAC, 120VAC, 230VAC, 50/60Hz
MG 8	-	-	-	-	-	-	-
MG 10	•	•	•	-	-	-	-
MG 25	•	•	-	•	•	•	•
MG 40	•	•	-	•	•	•	•
MG 50	•	•	-	•	•	•	•
MG 80	•	•	-	•	•	•	-
MG 100	•	•	-	•	•	•	-

取决于膜片材质，参见技术数据页

两位两通阀门精密铸造直通结构，适用于所有的国际标准的对焊接口



两位两通阀门铸造结构直通结构，适用于所有的国际标准的对焊接口



隔膜取样



T型阀门
例如用于无死区的环形管道



用于不锈钢
容器和罐



多通道阀体
视用途而定

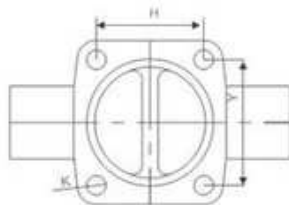
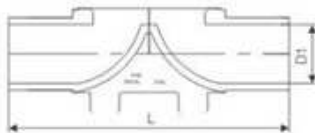
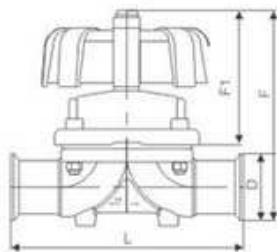


Straight Way Diaphragm Valve



Diaphragm valve is a kind of diaphragm product with wide application in fluid control system of fluid-related industries like pharmacy, biology, dairy products, drink, chemical engineering, cosmetics, food and electronics etc. Its advantages include no dead angle, no leakage, easy cleaning, low maintenance cost and convenient operation etc. Automatic control and manual control can be realized, which can reduce operating costs for enterprises. Discharge is clean in time of 35 degrees installation. There is no risk of leakage inside the valve. It has high resistance to corrosion. Highly viscous materials can easily pass through diaphragm valve, which can be a substitute for ball valve and butterfly valve with high requirement for cleanness.

最大工作压力 Max. working pressure	10公斤(隔膜为乙丙橡胶或氟化橡胶) 10kg (Diaphragm is EPDM or fluorinated rubber.)
	6公斤(隔膜为聚四氟乙烯) 6kg (Diaphragm is PTFE.)
最大工作温度 Max. working temperature	150°C(根据使用条件) 150°C(depend on working conditions)
隔膜材料 Diaphragm material	EPDM, PTFE
阀体材料 Valve body material	铸钢阀体 GB/T1220 316L Cast steel valve body
接口方式 Interface mode	接口尺寸见下表 See the form below for interface dimensions

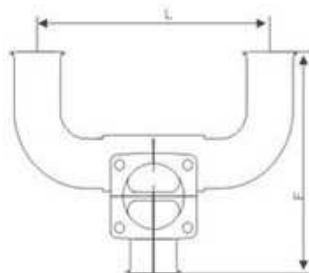
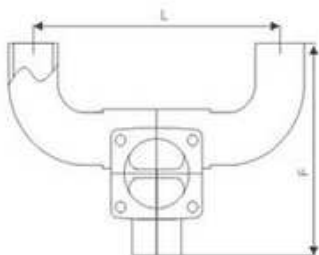


规格	L	F	F1
DN8	72	80	55
DN10	72	80	55
DN15	106	126	80
DN20	125	144	110
DN25	126	144	110
DN32	161	164	120
DN40	162	164	120
DN50	196	182	125
DN65	220	200	165
DN70	256	251	180
DN80	262	251	180
DN100	350	370	230
DN125	350	370	230

规格	N	D	D1	H	Y	K
DN8	1.5	25.4	8	21	21	4
DN10	1.5	25.4	9.7	21	21	4
DN15	1.5	50.5	15	36	19	5
DN20	1.5	50.5	16	48	43.5	8
DN25	1.5	50.5	22	48	43.5	8
DN32	1.5	50.5	29	70	43.5	10
DN40	1.5	50.5	35	70	43.5	10
DN50	1.5	64	49	85	56.5	12
DN65	2	77.5	59	105	70.5	14
DN70	2	91	72	126	83.5	14
DN80	2	106	85	126	97	14
DN100	2	119	98	Φ 194 × 8		14
DN125	3	145	125	Φ 194 × 8		14

U Type Diaphragm Valve

U type all-in-one diaphragm valve is used as sampling and water consumption point on pipeline according to production technology, conforming to GPM requirements. Valve is used by installing it on circular pipeline to ensure that water consumption points have no dead angles. Sealing material adopts imported PTFE as diaphragm sheet, conforming to sanitary requirements. Valve adopts limiter to ensure that diaphragm sheet will not be damaged due to too much force when the valve is closed. It is a kind of valve widely used by biopharmaceutical factories.



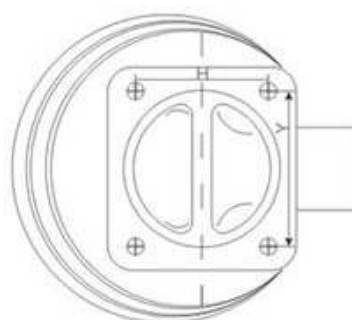
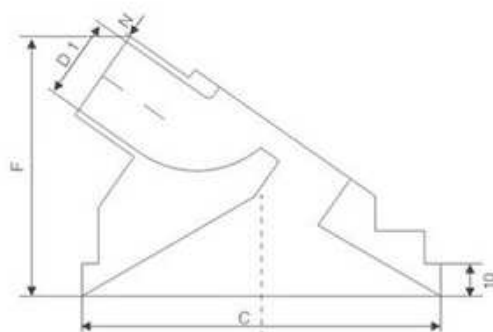
规格	L	F	规格	L	F
Φ 12.7 × 12.7	customize	customize	Φ 32 × 25.4	163	149
Φ 19 × 12.7	customize	customize	Φ 38 × 25.4	181	164
Φ 25.4 × 12.7	customize	customize	Φ 50.8 × 25.4	246	193
Φ 38 × 12.7	customize	customize	Φ 32 × 32	188	172
Φ 19 × 19	customize	customize	Φ 38 × 32	207	210
Φ 25.4 × 19	135	119	Φ 50.8 × 32	265	214
Φ 32 × 19	138	130	Φ 38 × 38	207	210
Φ 38 × 19	156	142	Φ 50.8 × 38	265	214
Φ 50.8 × 19	183	183	Φ 50.8 × 38	283	239
Φ 63.5 × 19	195	195	Φ 63 × 63	315	280
Φ 25.4 × 25.4	160	142	Φ 76 × 63	325	285

规格	L	F	规格	L	F
Φ 12.7 × 12.7	customize	customize	Φ 32 × 25.4	163	170
Φ 19 × 12.7	customize	customize	Φ 38 × 25.4	181	185
Φ 25.4 × 12.7	customize	customize	Φ 50.8 × 25.4	246	214
Φ 38 × 12.7	customize	customize	Φ 32 × 32	188	193
Φ 19 × 19	customize	customize	Φ 38 × 32	207	231
Φ 25.4 × 19	135	140	Φ 50.8 × 32	265	235
Φ 32 × 19	138	151	Φ 38 × 38	207	231
Φ 38 × 19	156	163	Φ 50.8 × 38	265	235
Φ 50.8 × 19	183	204	Φ 50.8 × 50.8	283	260
Φ 63.5 × 19	195	249	Φ 63 × 63	315	300
Φ 25.4 × 25.4	160	163	Φ 76 × 63	325	310

Aseptic Diaphragm Tank Bottom Valve

Tank bottom valve is applied to proportioning vessel for emptying in biological pharmacy, food and fine chemical engineering etc. When stirrer is started, bottom material can be stirred evenly together with water. Connection mode includes welded type and flange type.

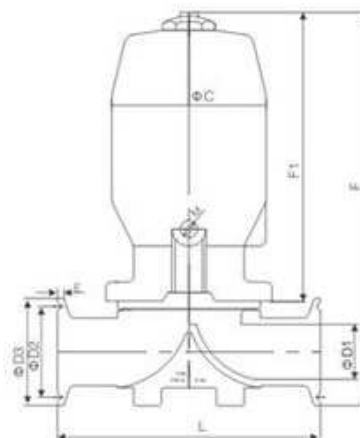
Installation and use of 45 degrees material discharge can ensure material inside vessel can be discharged completely, conforming to GMP requirements. It is sanitary valve for pipelines.



规格	C	F	D1	N	D3
DN15	70	40	13	1.5	25.2
DN20	105	64	16	1.5	50.5
DN25	105	64	22	1.5	50.5
DN32	140	85	29	1.5	50.5
DN40	140	85	35	1.5	50.5
DN50	160	94	49	1.5	64
DN65	200	110	59	2	77.5
DN70	238	120	72	2	91
DN80	238	120	85	2	106

Pneumatic Diaphragm Valve

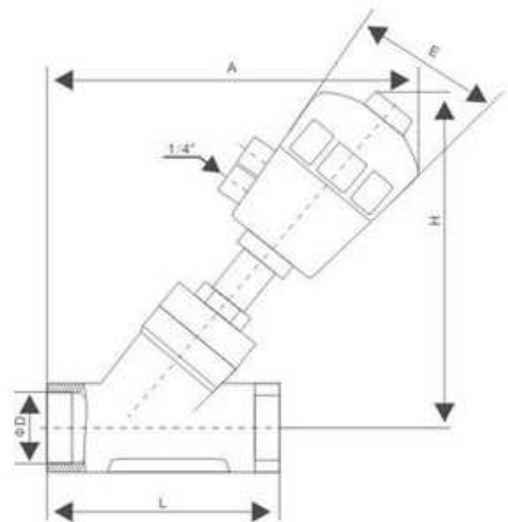
Diaphragm valve is a kind of diaphragm product with wide application in fluid control system of fluid-related industries like pharmacy, biology, dairy products, drink, chemical engineering, cosmetics, food and electronics etc. Its advantages include no dead angle, no leakage, easy cleaning, low maintenance cost and convenient operation etc. Automatic control and manual control can be realized, which can reduce operating costs for enterprises. Discharge is clean in time of 45 degrees installation. There is no risk of leakage inside the valve. It has high resistance to corrosion. Highly viscous materials can easily pass through diaphragm valve, which can be a substitute for ball valve and butterfly valve with high requirement for cleanness.



规格	L	F	F1	D1	C	D3
DN8	72	98	75	8	41	25.2
DN10	72	98	75	10	41	25.2
DN15	106	140	140	13	61	25.2
DN20	125	174	174	16	72	50.5
DN25	126	174	174	22	72	50.5
DN32	161	224	224	29	92	50.5
DN40	162	224	224	35	92	50.5
DN50	196	254	254	49	112	64
DN65	220	278	278	59	138	77.5
DN70	256	380	380	72	190	91
DN80	256	395	395	85	190	106
DN100	350	450	450	98	250	119
DN125	350	460	460	125	250	155

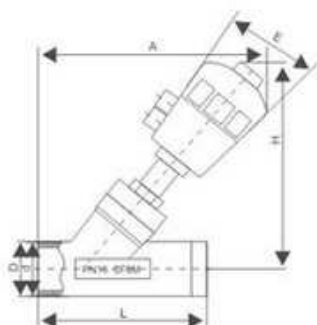


Q5 Series Pneumatic Angle Seat Valve



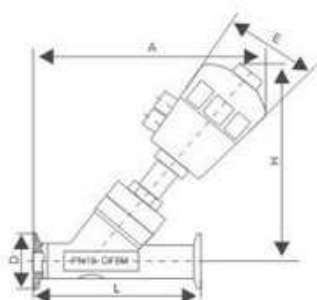
Q5 Series

Size	D	mm	L	A	H	E
15	1/2"	φ 50	85	172	137	64
20	3/4"	φ 50	95	180	144	64
25	1"	φ 63	105	215	181	80
32	1 1/4"	φ 63	120	220	185	80
40	1 1/2"	φ 63	130	225	190	80
50	2"	φ 80	150	270	215	100
65	2 1/2"	φ 100	185	252	300	126
80	3"	φ 100	210	368	340	126



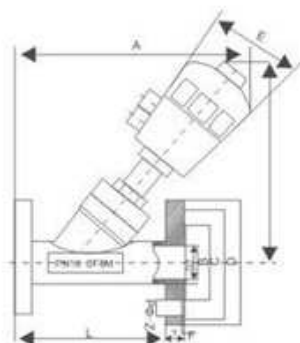
H5 Series

Size	mm	L	D	d	A	H	E
15	φ 50	120	20.0	19.0	165	145	64
20	φ 50	125	25.5	24.0	167	150	64
25	φ 63	145	31.0	30.0	210	183	80
32	φ 63	156	38.0	37.0	215	185	80
40	φ 63	185	47.0	45.5	232	195	80
50	φ 80	200	58.0	56.5	262	230	100
65	φ 100	228	77.5	75.0	319	290	126
80	φ 100	245	92.0	90.0	360	315	126



K5 Series

Size	mm	L	D	A	H	E
15	φ 50	120	50.5	165	145	64
20	φ 50	140	50.5	175	150	64
25	φ 63	160	50.5	215	183	80
32	φ 63	175	50.5	225	185	80
40	φ 63	190	64.0	235	195	80
50	φ 80	210	77.5	270	205	100
65	φ 100	225	77.5	315	290	126
80	φ 100	255	91.0	362	315	126



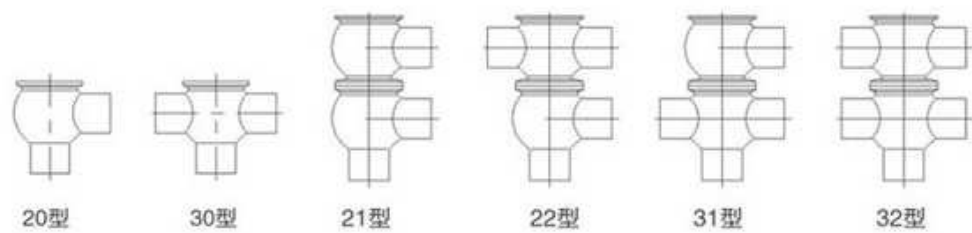
F5 Series

Size	mm	L	T	F	D	C	B	N-φd	A	H	E
15	φ 50	120	14	2	95	65	40	4-φ 14	165	145	64
20	φ 50	130	14	2	105	75	50	4-φ 14	170	150	64
25	φ 63	140	14	2	115	85	60	4-φ 14	210	183	80
32	φ 63	150	16	2	135	100	70	4-φ 18	220	185	80
40	φ 63	180	16	2	145	110	80	4-φ 18	230	195	80
50	φ 80	195	16	2	160	125	92	4-φ 18	260	230	100
65	φ 100	230	18	2	185	145	115	4-φ 18	320	290	126
80	φ 100	250	18	2	195	160	130	4-φ 18	360	315	126

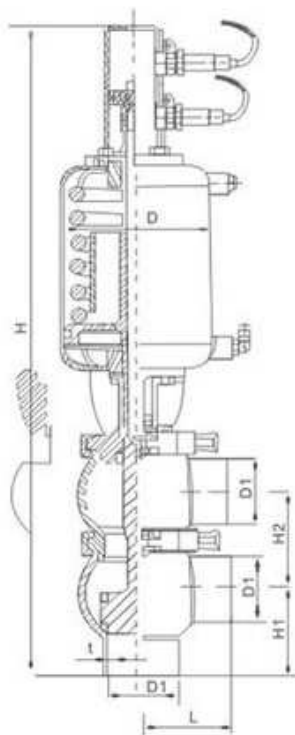
Sanitary Safety Valve



Technical Data



Sanitary Safety Valve

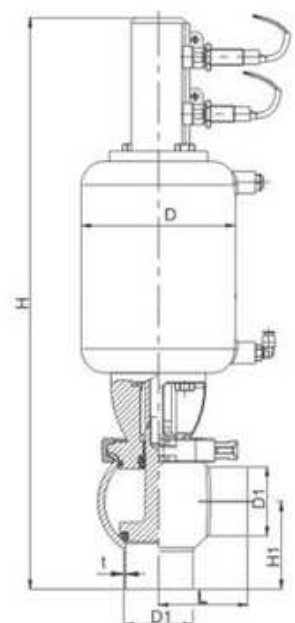


DIN

Size	H	H1	H2	T	D1	D	L
DN25	360.5	51.5	53.5	1.5	28	87.5	49.3
DN32	490	64	68	1.5	34	87.5	61.8
DN40	490	64	68	1.5	40	87.5	61.8
DN50	530	69	75	1.5	52	115	72.5
DN65	556	76.5	91.5	2.0	70	115	79.5
DN80	620	98	112	2.0	85	133	98
DN100	660	111	132	2.0	104	173	111

INCH

Size	H	H1	H2	D1	T	D	L
1"	360.5	51.5	53.5	25.4	1.5	87.5	49.3
1 1/4"	490	64	68	31.8	1.5	87.5	61.8
1 1/2"	490	64	68	38.1	1.5	87.5	61.8
2"	530	69	75	50.8	1.5	115	72.5
2 1/2"	556	76.5	91.5	63.5	2.0	115	79.5
3"	600	90	105	76.2	2.0	133	90
3 1/2"	615	98	112	89	2.0	133	98
4"	660	111	132	101.6	2.0	173	111



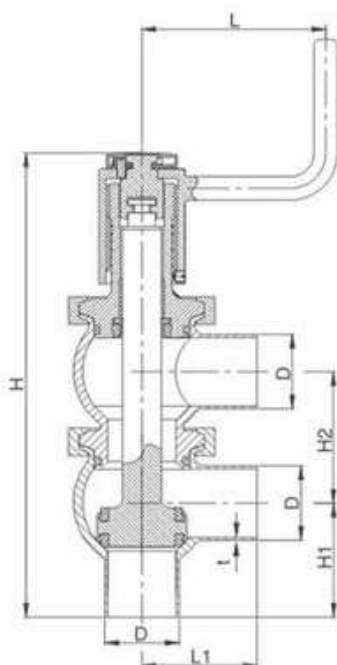
Pneumatic Stop And Reversing Valve(Single Seat)

DIN

Size	H	H1	T	D1	D	L
DN25	360	51.5	1.5	28	87.5	49.3
DN32	360	64	1.5	34	87.5	61.8
DN40	360	64	1.5	40	87.5	61.8
DN50	400	69	1.5	52	115	72.5
DN65	410	76.5	2.0	70	115	79.5
DN80	525	98	2.0	85	133	98
DN100	550	111	2.0	104	173	111

INCH

Size	H	H1	D1	T	D	L
1"	360	51.5	1.5	87.5	25.4	49.3
1 1/4"	360	64	1.5	87.5	31.8	61.8
1 1/2"	360	64	1.5	87.5	38.1	61.8
2"	400	69	1.5	115	50.8	72.5
2 1/2"	410	76.5	2.0	115	63.5	79.5
3"	525	90	2.0	133	76.2	92
3 1/2"	525	98	2.0	133	89	98
4"	550	111	2.0	173	101.6	111



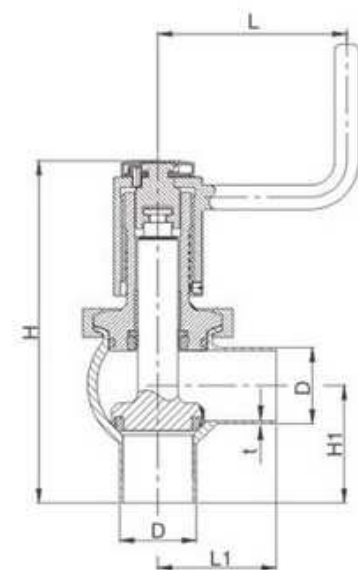
Manual Stop And Reversing Valve(Double Seat)

DIN

Size	H	H1	H2	t	D	L	L1
DN25	242	51.5	53.5	1.5	28	80	49.3
DN32	260	64	68	1.5	34	80	61.8
DN40	260	64	68	1.5	40	80	61.8
DN50	276	69	75	1.5	52	80	72.5
DN65	296.5	76.5	91.5	2.0	70	90	79.5
DN80	340	98	112	2.0	85	90	98
DN100	405	111	132	2.0	104	100	111

INCH

Size	H	H1	H2	t	D	L	L1
1"	242	51.5	53.5	1.5	25.4	80	51.5
1 1/4"	248	64	68	1.5	31.8	80	64
1 1/2"	248	64	68	1.5	38.1	80	64
2"	276	69	75	1.5	50.8	80	69
2 1/2"	296.5	76.5	91.5	2.0	63.5	90	76.5
3"	340	90	105	2.0	76.2	90	90
3 1/2"	348	98	112	2.0	89	90	98
4"	405	111	132	2.0	101.6	100	111



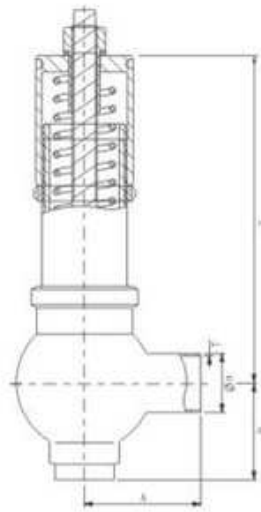
Manual Stop And Reversing Valve(Single Seat)

DIN

Size	H	H1	t	D	L	L1
DN25	173	51.5	1.5	28	80	49.3
DN32	173	64	1.5	34	80	61.8
DN40	173	64	1.5	40	80	61.8
DN50	190	69	1.5	52	80	72.5
DN65	212	76.5	2.0	70	90	79.5
DN80	240	98	2.0	85	90	98
DN100	254	111	2.0	104	100	111

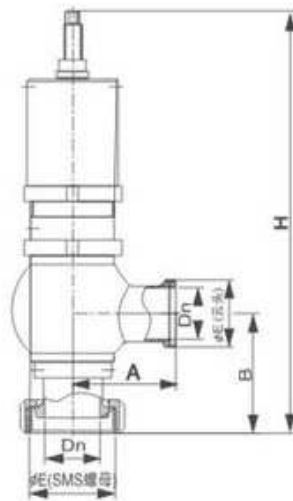
INCH

Size	H	H1	t	D	L	L1
1"	173	51.5	1.5	25.4	80	49.3
1 1/4"	173	64	1.5	31.8	80	61.8
1 1/2"	173	64	1.5	38.1	80	61.8
2"	190	69	1.5	50.8	80	72.5
2 1/2"	212	76.5	2.0	63.5	90	79.5
3"	240	90	2.0	76.2	90	90
3 1/2"	240	98	2.0	89	90	98
4"	254	111	2.0	101.6	100	111



DIN

Size	D	T	A	B	H
1 1/2"	35.1	1.5	56	89.5	375
2"	47.8	1.5	71.5	103	400
2 1/2"	59.5	2.0	81	118	420



INCH

Size	Dn	E	A	B	H
DN25	28	Rd52 × 1/6	77	73.5	361
DN32	32	Rd58 × 1/6	77	73.5	361
DN40	38	Rd65 × 1/6	72.5	103	375
DN50	50	Rd70 × 1/6	91.5	103	400
DN65	56	Rd95 × 1/6	104	118	420





Sanitary Sampling Valve

Application: the valve is used for beer, milk, juice, beverage, pharmaceutical and other industries

Body: AISI 316L (1.4404) ASME BPE 316L

Diaphragm: EPDM PTFE

Maximum temperature: 150°C(PTFE)

Pressure:10bar



Quick Loading Type Sanitary Sampling Valve

Application: the valve is used for beer, milk, juice, beverage, pharmaceutical and other industries

Body: AISI 316L (1.4404) ASME BPE 316L

Diaphragm: EPDM PTFE

Maximum temperature: 150°C(PTFE)

Pressure:10bar



Sterilizing Sanitary Sampling Valve

The sterile sampling valve is used for sterilization before and after each sampling. Open the valve: Sampling—open the valve manually.

Close the valve: Disinfection—close the valve for a short time and keep the channel between hoses open for disinfection. If steam is used, it is recommended to install a small pressure safety valve at the outlet.

Application: the valve is used in pharmaceutical, beer, milk, beverage, fruit juice and other industries.

Connection method: clamp

Welding valve body: AISI 316L (1.4404) ASME BPE 316L

Diaphragm: EPDM PTFE

Maximum temperature: 150 °C(PTFE)

Pressure: 10bar