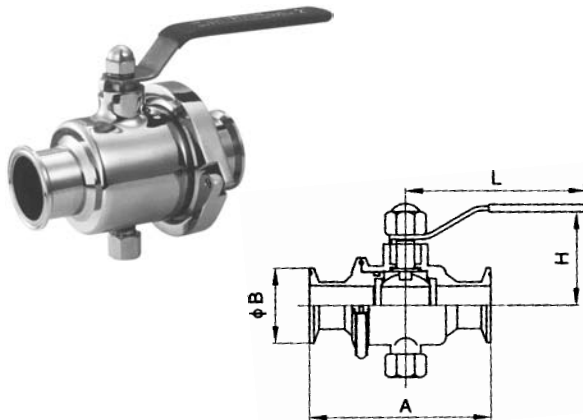


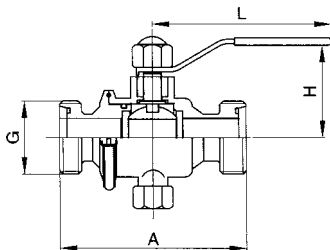
BALL VALVE

Unit: mm

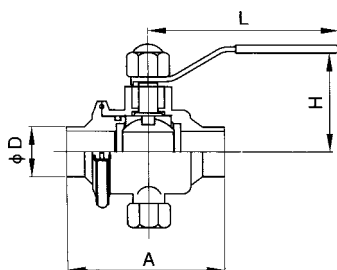
Portable Ball Valve Clamp End



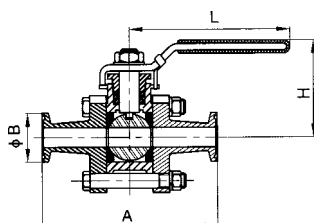
Portable Ball Valve Thread End



Portable Ball Valve Weld End



3PC Ball Valve Clamp End



DIN

Size	A	B	H	L
DN15	105.0	34.0	55.0	125.0
DN20	105.0	34.0	55.0	125.0
DN25	125.0	50.5	55.0	140.0
DN32	132.0	50.5	65.0	150.0
DN40	140.0	50.5	65.0	160.0
DN50	159.0	64.0	85.0	180.0
DN65	180.0	91.0	100.0	200.0

SMS/ISO/3A

Size		A	B	H	L
3/4"	19	105.0	25.4	55.0	125.0
1"	25	125.0	50.5	55.0	140.0
1 1/4"	32	132.0	50.5	65.0	150.0
1 1/2"	38	140.0	50.5	65.0	160.0
2"	51	159.0	64.0	85.0	180.0
2 1/2"	63	180.0	77.5	100.0	200.0

DIN

Size	A	G	H	L
DN20	138.0	RD44X1/6	55.0	125.0
DN25	155.0	RD52X1/6	55.0	140.0
DN32	160.0	RD58X1/6	65.0	150.0
DN40	170.0	RD65X1/6	65.0	160.0
DN50	192.0	RD78X1/6	85.0	180.0
DN65	216.0	RD95X1/6	100.0	200.0

SMS

Size	A	G	H	L
25	151.0	RD40X1/6	55.0	140.0
32	156.0	RD48X1/6	65.0	150.0
38	170.0	RD60X1/6	65.0	160.0
51	190.0	RD70X1/6	85.0	180.0
63	217.0	RD85X1/6	100.0	200.0

DIN

Size	A	D	H	L
DN20	100.0	22.0	55.0	125.0
DN25	115.0	28.0	55.0	140.0
DN32	120.0	34.8	65.0	150.0
DN40	130.0	40.0	65.0	160.0
DN50	150.0	52.0	85.0	180.0
DN65	170.0	70.0	100.0	200.0

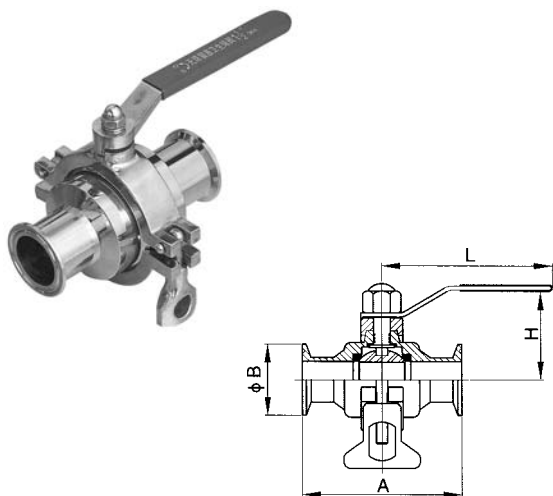
SMS/ISO/3A

Size		A	D	H	L
3/4"	19	100.0	19.0	55.0	125.0
1"	25	115.0	25.0	55.0	140.0
1 1/4"	32	120.0	31.8	65.0	150.0
1 1/2"	38	130.0	38.1	65.0	160.0
2"	51	150.0	50.8	85.0	180.0
2 1/2"	63	170.0	63.5	100.0	200.0

Size	A	B	H	L
1/2"	75.0	25.0	64.0	125.0
3/4"	90.0	25.0	67.0	125.0
1"	100.0	50.4	83.0	140.0
1 1/4"	110.0	50.4	89.0	140.0
1 1/2"	125.0	50.4	100.0	200.0
2"	150.0	63.9	108.0	200.0
2 1/2"	190.0	77.4	150.0	250.0
3"	220.0	90.0	161.0	250.0
4"	270.0	118.9	180.0	290.0

Unit: mm

Non-Retention Ball Valve Clamp End



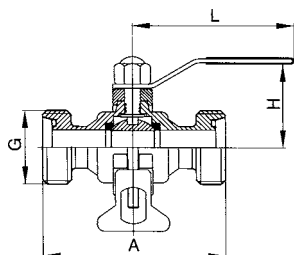
DIN

Size	A	B	H	L
DN15	90	34.0	65.0	105.0
DN20	100	34.0	65.0	105.0
DN25	110	50.5	70.0	105.0
DN32	120	50.5	80.0	130.0
DN40	140	50.5	80.0	150.0
DN50	164	64.0	85.0	160.0
DN65	180	91.0	100.0	180.0

SMS/ISO/3A

Size	A	B	H	L
3/4"	19	90.0	25.4	65.0
1"	25	110.0	50.5	70.0
1 1/4"	32	120.0	50.5	80.0
1 1/2"	38	140.0	50.5	80.0
2"	51	164.0	64.0	85.0
2 1/4"	57	170.0	77.5	110.0
2 1/2"	63	180.0	77.5	110.0

Non-Retention Ball Valve Thread End



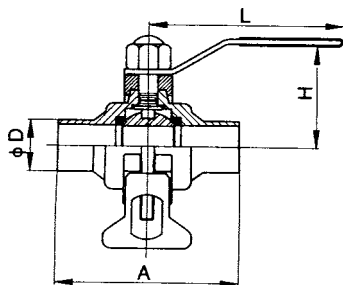
DIN

Size	A	G	H	L
DN15	114.0	34X1/6	65.0	105.0
DN20	128.0	44X1/6	65.0	105.0
DN25	140.0	52X1/6	70.0	105.0
DN32	150.0	58X1/6	80.0	130.0
DN40	170.0	65X1/6	80.0	150.0
DN50	196.0	78X1/6	85.0	160.0
DN65	216.0	95X1/6	100.0	180.0

SMS

Size	A	G	H	L
25	136.0	40X1/6	70.0	105.0
32	146.0	48X1/6	80.0	130.0
38	170.0	60X1/6	80.0	150.0
51	194.0	70X1/6	85.0	160.0
63	197.0	85X1/6	100.0	180.0

Non-Retention Ball Valve Weld End



DIN

Size	A	D	H	L
DN15	90.0	18.0	65.0	105.0
DN20	100.0	22.5	65.0	105.0
DN25	110.0	28.0	70.0	105.0
DN32	120.0	34.0	80.0	130.0
DN40	140.0	40.0	80.0	150.0
DN50	164.0	52.0	85.0	160.0
DN65	180.0	70.0	100.0	180.0

SMS/ISO/3A

Size	A	D	H	L
3/4"	19	90.0	19.0	65.0
1"	25	100.0	25.4	70.0
1 1/4"	32	120.0	32.0	80.0
1 1/2"	38	140.0	38.1	80.0
2"	51	164.0	50.8	85.0
2 1/4"	57	170.0	57.0	110.0
2 1/2"	63	180.0	63.5	110.0

BALL VALVE

Unit: mm

Butterfly-type Ball Valve Clamp End



DIN

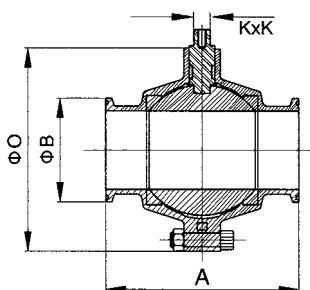
Size	A	O	B	KxK
DN15	91.0	78.0	34.0	8X8
DN20	91.0	86.0	34.0	8X8
DN25	95.0	90.0	50.5	10X10
DN32	95.0	90.0	50.5	10X10
DN40	95.0	102.0	50.5	11X11
DN50	119.0	124.0	64.0	11X11

SMS

Size	A	O	B	KxK
25	91.0	86.0	50.5	8X8
32	95.0	90.0	50.5	10X10
38	95.0	102.0	50.5	11X11
51	119.0	124.0	64.0	11X11

3A

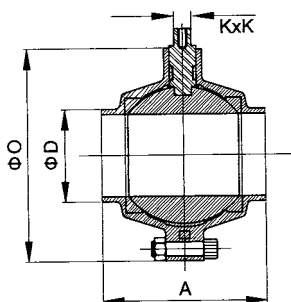
Size	A	O	B	KxK
1/2"	91.0	78.0	25.4	8X8
3/4"	91.0	78.0	25.4	8X8
1"	91.0	86.0	50.5	8X8
1 1/2"	95.0	102.0	50.5	11X11
2"	119.0	124.0	64.0	11X11



ISO/IDF

Size	A	O	B	KxK
1"	91.0	86.0	50.5	8X8
1 1/4"	95.0	90.0	50.5	10X10
1 1/2"	95.0	102.0	50.5	11X11
2"	119.0	124.0	64.0	11X11

Butterfly-type Ball Valve Weld End



DIN

Size	A	O	D	KxK
DN15	66.0	78.0	18.0	8X8
DN20	66.0	86.0	22.0	8X8
DN25	70.0	90.0	28.0	10X10
DN32	70.0	90.0	34.0	10X10
DN40	70.0	102.0	40.0	11X11
DN50	94.0	124.0	52.0	11X11

SMS

Size	A	O	D	KxK
25	66.0	86.0	25.4	8X8
32	70.0	90.0	32.0	10X10
38	70.0	102.0	38.1	11X11
51	94.0	124.0	50.8	11X11

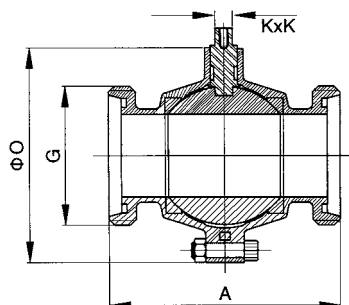
3A

Size	A	O	D	KxK
1/2"	66.0	78.0	12.7	8X8
3/4"	66.0	78.0	19.1	8X8
1"	66.0	86.0	25.4	8X8
1 1/2"	70.0	102.0	38.1	11X11
2"	94.0	124.0	50.8	11X11

ISO/IDF

Size	A	O	D	KxK
1"	66.0	86.0	25.4	8X8
1 1/4"	70.0	90.0	32.0	10X10
1 1/2"	70.0	102.0	38.1	11X11
2"	94.0	124.0	50.8	11X11

Butterfly-type Ball Valve Thread End



DIN

Size	A	O	G	KxK
DN15	100.0	78.0	RD34X1/8	8X8
DN20	104.0	86.0	RD44X1/6	8X8
DN25	110.0	90.0	RD52X1/6	10X10
DN32	110.0	90.0	RD58X1/6	10X10
DN40	110.0	102.0	RD65X1/6	11X11
DN50	136.0	124.0	RD78X1/6	11X11

ISO/IDF

Size	A	O	G	KxK
1"	109.0	86.0	37.1X8TACME	8X8
1 1/2"	113.0	102.0	50.6X8TACME	11X11
2"	137.0	124.0	64.2X8TACME	11X11

SMS

Size	A	O	G	KxK
25	102.0	86.0	RD40X1/6	8X8
32	106.0	90.0	RD48X1/6	10X10
38	110.0	102.0	RD60X1/6	11X11
51	134.0	124.0	RD70X1/6	11X11

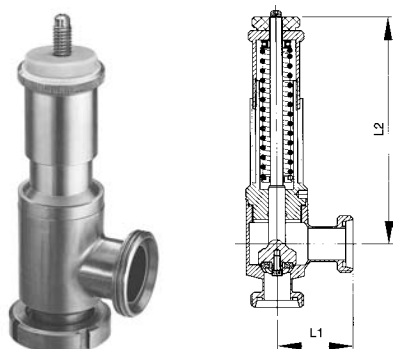
RJT

Size	A	O	G	KxK
1"	120.0	86.0	45.7X8TWHIT	8X8
1 1/2"	124.0	102.0	58.4X8TWHIT	11X11
2"	148.0	124.0	72.7X6TWHIT	11X11

SAFETY VALVE / STRAINER

Unit: mm

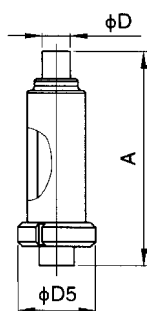
Safety Valve (Relief Valve)



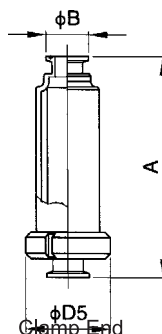
SIZE	L2	L1		
		Weld End	Thread End	Clamp End
25	210.0	60.0	40.0	60.0
32	220.0	60.0	40.0	60.0
40	230.0	70.0	50.0	70.0
50	240.0	80.0	60.0	80.0

Connection: Thread/Weld/Clamp

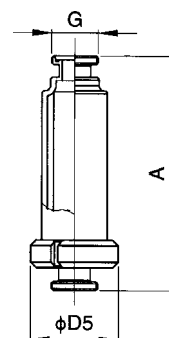
Straight Strainer



Weld End



Clamp End



Thread End

Weld End

SIZE			A	D5	D	
DIN	SMS	ISO/IDF/3A			DIN	SMS/ISO/IDF/3A
DN25	25	1"	306	95	28	25.4
DN32	32	1 1/4"	306	110	34	32
DN40	38	1 1/2"	306	110	40	38.1
DN50	51	2"	406	110	52	50.8
DN65	63	2 1/2"	503	127	70	63.5
DN80	76	3"	561	148	85	76.2
DN100	102	4"	662	178	104	101.6

Clamp End

SIZE			A	D5	B
DIN	SMS	ISO/IDF/3A			
DN25	25	1"	306	95	50.5
DN32	32	1 1/4"	306	110	50.5
DN40	38	1 1/2"	306	110	50.5
DN50	51	2"	406	110	64
DN65	63	2 1/2"	503	127	77.5
DN80	76	3"	561	148	91
DN100	102	4"	662	178	119

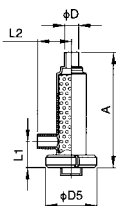
Thread End

SIZE				A	D5	G			
DIN	SMS	ISO/IDF/3A	RJT			DIN	SMS	ISO/IDF	RJT
DN25	25	1"	1"	306	95	RD52X1/6	RD40X1/6	37.1X8TACME	45.7X8TWHIT
DN32	32			306	110	RD58X1/6	RD48X1/6		
DN40	38	1 1/2"	1 1/2"	306	110	RD65X1/6	RD60X1/6	50.6X8TACME	58.4X8TWHIT
DN50	51	2"	2"	406	110	RD78X1/6	RD70X1/6	64.2X8TACME	72.7X6TWHIT
DN65	63	2 1/2"	2 1/2"	503	127	RD95X1/6	RD85X1/6	77.7X8TACME	85.4X6TWHIT
DN80	76	3"	3"	561	148	RD110X1/4	RD98X1/6	91.2X8TACME	98.1X6TWHIT
DN100	102	4"	4"	662	178	RD130X1/4	RD125X1/6	118.4X8TACME	123.8X6TWHIT
	102	4"	4"	662	178		RD132X1/6	125.9X6TACME	

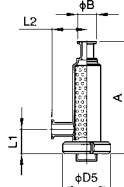
Angle Type Strainer



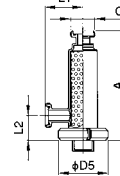
Weld End



Clamp End



Thread End



Weld End

SIZE			A	D5	L1	L2	D	
DIN	SMS	ISO/IDF/3A					DIN	SMS/ISO/IDF/3A
DN25	25	1"	306	95	60	70	28	25.4
DN32	32	1 1/4"	306	110	60	70	34	32
DN40	38	1 1/2"	306	110	80	70	40	38.1
DN50	51	2"	406	110	100	72	52	50.8
DN65	63	2 1/2"	503	127	120	85	70	63.5
DN80	76	3"	561	148	140	96	85	76.2
DN100	102	4"	662	178	160	117	104	101.6

Clamp End

SIZE			A	D5	L1	L2	B	
DIN	SMS	ISO/IDF/3A					DIN	SMS/ISO/IDF/3A
DN25	25	1"	306	95	60	70	50.5	50.5
DN32	32	1 1/4"	306	110	60	70	50.5	50.5
DN40	38	1 1/2"	306	110	80	70	50.5	50.5
DN50	51	2"	406	110	100	72	64	64
DN65	63	2 1/2"	503	127	120	85	91	77.5
DN80	76	3"	561	148	140	96	106	91
DN100	102	4"	662	178	160	117	119	119

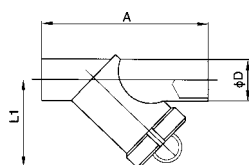
Thread End

SIZE				A	D5	L1	L2	G			
DIN	SMS	ISO/IDF/3A	RJT					DIN	SMS	ISO/IDF	RJT
DN25	25	1"	1"	306	95	60	70	RD52X1/6	RD40X1/6	37.1X8TACME	45.7X8TWHIT
DN32	32			306	110	60	70	RD58X1/6	RD48X1/6		
DN40	38	1 1/2"	1 1/2"	306	110	80	70	RD65X1/6	RD60X1/6	50.6X8TACME	58.4X8TWHIT
DN50	51	2"	2"	406	110	100	72	RD78X1/6	RD70X1/6	64.2X8TACME	72.7X6TWHIT
DN65	63	2 1/2"	2 1/2"	503	127	120	85	RD95X1/6	RD85X1/6	77.7X8TACME	85.4X6TWHIT
DN80	76	3"	3"	561	148	140	96	RD110X1/4	RD98X1/6	91.2X8TACME	98.1X6TWHIT
DN100	102	4"	4"	662	178	160	117	RD130X1/4	RD125X1/6	118.4X8TACME	123.8X6TWHIT
	102	4"		662	178	160	117		RD132X1/6	125.9X8TACME	

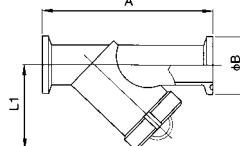
Y-Type Strainer



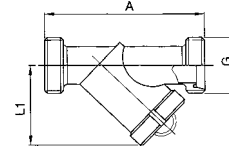
Weld End



Clamp End



Thread End



DIN

SIZE	A	D	L1	B
DN25	125.0	28.0	95.0	50.5
DN32	140.0	34.0	104.0	50.5
DN40	165.0	40.0	110.0	50.5
DN50	195.0	52.0	140.0	64.0
DN65	230.0	70.0	185.0	91.0
DN80	280.0	85.0	220.0	106.0
DN100	340.0	104.0	248.0	119.0

Weld End

Clamp End

SMS/ISO/IDF/3A

SIZE	A	D	L1	B
1"	25	123.0	25.4	90.0
1 1/2"	32	135.0	32.0	102.0
1 1/4"	38	144.0	38.1	107.0
2"	51	195.0	50.8	140.0
2 1/2"	63	210.0	63.5	165.0
3"	76	240.0	76.2	190.0
3 1/2"	89	295.0	89.0	225.0
4"	102	340.0	101.6	249.0

Weld End

Clamp End

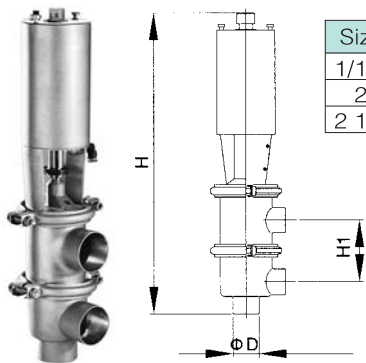
Thread End

SIZE				G				A		L1	
DIN	SMS	ISO/IDF	RJT	DIN	SMS	ISO/IDF	RJT	DIN	SMS/ISO/IDF/RJT	DIN	SMS/ISO/IDF/RJT
DN25	25	1"	1"	RD52X1/6	RD40X1/6	37.1X8TACME	45.7X8TWHIT	125	123	95	90
DN32	32			RD58X1/6	RD48X1/6			140		104	
DN40	38	1 1/2"	1 1/2"	RD65X1/6	RD60X1/6	50.6X8TACME	58.4X8TWHIT	165	135	165	102
DN50	51	2"	2"	RD78X1/6	RD70X1/6	64.2X8TACME	72.7X6TWHIT	195	195	195	140
DN65	63	2 1/2"	2 1/2"	RD95X1/6	RD85X1/6	77.7X8TACME	85.4X6TWHIT	230	210	230	165
DN80	76	3"	3"	RD110X1/4	RD98X1/6	91.2X8TACME	98.1X6TWHIT	280	240	280	190
	89				RD110X1/6				295		225
DN100	102	4"	4"	RD130X1/4	RD125X1/6	118.4X8TACME	123.8X6TWHIT	340	340	340	249
	102	4"			RD132X1/6	125.9X6TACME			340		249

STOP&DIVERT VALVE/PUMP

Unit: mm

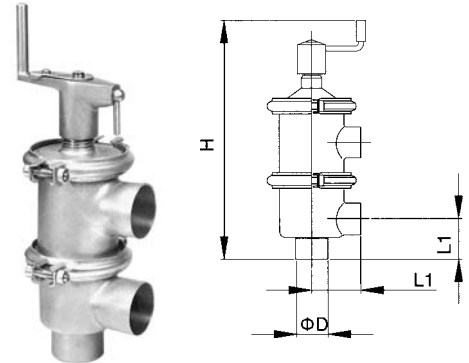
Pneumatic Stop&Divert Valve



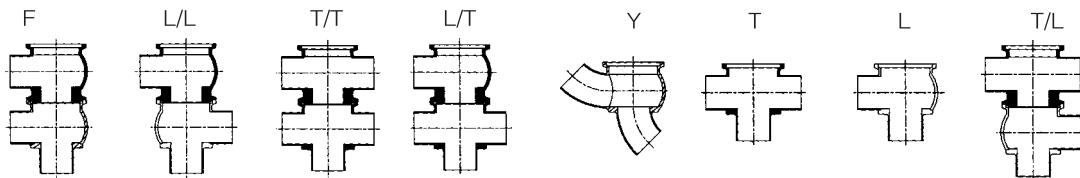
Size	D	H	H1
1/1/2"	40.0	414.0	79.0
2"	52.0	448.0	94.0
2 1/2"	70.0	497.0	113.0

Size	D	H	L1
1/1/2"	40.0	326.0	79.0
2"	52.0	326.0	94.0
2 1/2"	70.0	391.0	113.0

Manual Stop&Divert Valve

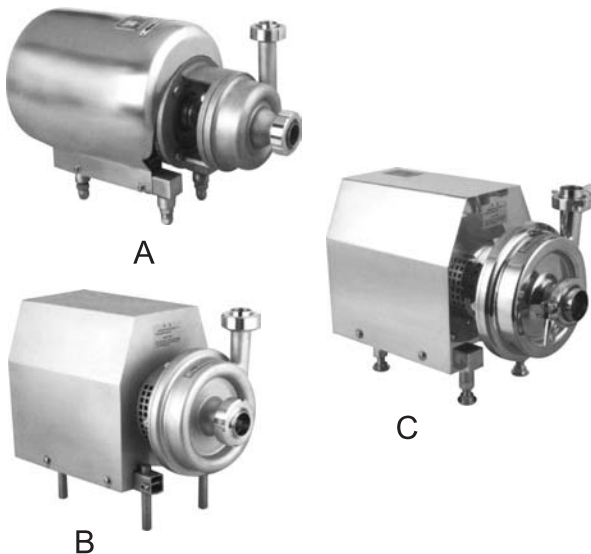


Flow Type



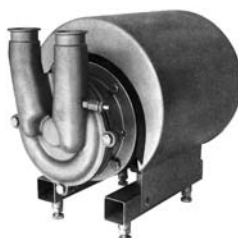
Connection: Thread/Weld/Clamp

Centrifugal Pump



Flow Volume (Ton/Hour)	Lift (Meter/Water Column)	Electric Power	Inlet/Outlet Diameter
1.5	14	0.5	40/25
3	14	11	40/32
5	24	1.5	50/40
5	32	2.2	50/40
10	24	2.2	50/40
10	36	3	50/40
15	24	3	50
20	24	4	50
20	36	5.5	50
25	24	4	50/50
30	24	5.5	65/50
30	36	7.5	65/50
30	60	11	65/50
35	36	11	65/50
40	36	11	80/65
40	45	11	80/65
50	36	11	80/65
80	30	15	100/80
80	40	18.5	100/80
100	40	22	125/100
100	70	33	125/100
150	40	33	150/125
200	40	45	150/125
200	70	55	150/125

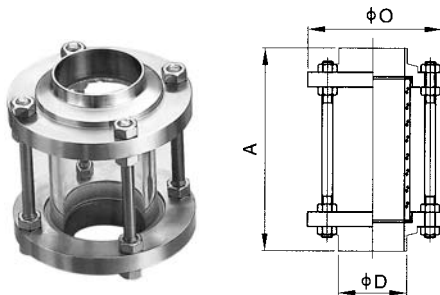
Self-priming Pump



Flow Volume	10-20m/h
Total Lift	18-24m
Sucked Lift	5-6m
Impeller Wheel Axle Diameter	Φ189mm
In/Out Diameter	Φ51mm
Power	4kw(380v 50Hz)
Rotate Speed	1420r/min
Size	600x350x420(mm)

Connection: Thread/Weld/Clamp

Straight Sight Glass Weld End



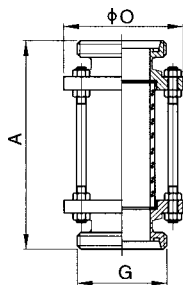
DIN

Size	A	D	O
DN25	140.0	28.0	78.0
DN32	140.0	34.0	78.0
DN40	140.0	40.0	86.0
DN50	142.0	52.0	102.0
DN65	144.0	70.0	120.0
DN80	148.0	85.0	134.0
DN100	152.0	104.0	154.0

SMS/ISO/IDF/3A

Size		A	D	O
1"	25	140.0	25.4	78.0
1 1/4"	32	140.0	32.0	78.0
1 1/2"	38	140.0	38.1	86.0
2"	51	142.0	50.8	102.0
2 1/2"	63	144.0	63.5	115.0
3"	76	144.0	76.2	128.0
3 1/2"	89	148.0	89.0	139.0
4"	102	152.0	101.6	154.0

Straight Sight Glass Thread End



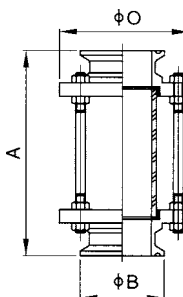
DIN

Size	A	G	O
DN25	156.0	RD52X1/6	78.0
DN32	160.0	RD58X1/6	86.0
DN40	164.0	RD65X1/6	90.0
DN50	166.0	RD78X1/6	106.0
DN65	172.0	RD95X1/6	124.0
DN80	178.0	RD110X1/4	139.0
DN100	196.0	RD130X1/4	159.0

SMS

Size	A	G	O
25	156.0	RD40X1/6	78.0
32	156.0	RD48X1/6	78.0
38	160.0	RD60X1/6	86.0
51	166.0	RD70X1/6	102.0
63	168.0	RD85X1/6	115.0
76	172.0	RD98X1/6	128.0
89	178.0	RD110X1/6	139.0
102	192.0	RD125X1/6	154.0

Straight Sight Glass Clamp End



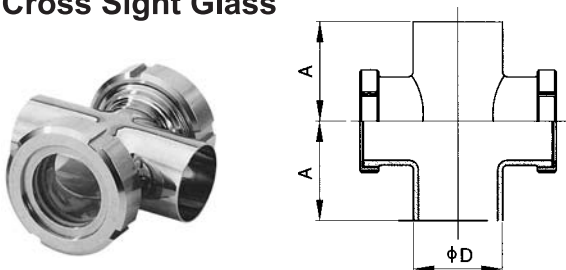
DIN

Size	A	B	O
DN25	156.0	50.5	78.0
DN32	156.0	50.5	86.0
DN40	164.0	50.5	90.0
DN50	166.0	64.0	106.0
DN65	168.0	91.0	124.0
DN80	172.0	106.0	139.0
DN100	192.0	119.0	159.0

SMS/ISO/IDF/3A

Size		A	B	O
1"	25	156.0	50.5	78.0
1 1/4"	32	156.0	50.5	78.0
1 1/2"	38	160.0	50.5	86.0
2"	51	166.0	64.0	102.0
2 1/2"	63	168.0	77.5	115.0
3"	76	172.0	91.0	128.0
3 1/2"	89	178.0	106.0	139.0
4"	102	194.0	119.0	154.0

Cross Sight Glass



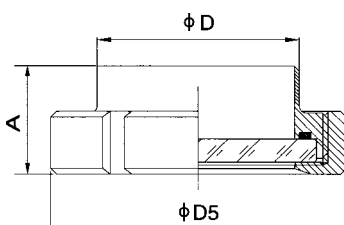
DIN

Size	A	D
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0

SMS/ISO/IDF/3A

Size		A	D
1"	25	33.5	25.4
1 1/4"	32	38.0	32.0
1 1/2"	38	48.5	38.1
2"	51	60.5	50.8
2 1/2"	63	83.5	63.5
3"	76	88.5	76.2
4"	102	127.0	101.6

Union type Sight Glass



DIN

Size	A	D	D5
DN25	35.0	28.0	63.0
DN32	38.0	34.0	70.0
DN40	40.0	40.0	78.0
DN50	42.0	52.0	92.0
DN65	47.0	70.0	110.0
DN80	52.0	85.0	125.0
DN100	62.0	104.0	146.0

SMS

Size	A	D	D5
25	25.0	25.4	54.0
32	25.0	32.0	70.0
38	28.0	38.1	72.0
51	28.0	50.8	92.0
63	32.0	63.5	97.0
76	33.0	76.2	111.0
89	34.0	88.9	125.0
102	36.0	101.6	138.0

Sanitary Tube for Food and Pharmaceutical Industry

BPE standard			SMS standard			IDF standard			3A standard			DIN 11850		
SIZE	O.D	T	SIZE	O.D	T	SIZE	O.D	T	SIZE	O.D	T	SIZE	O.D	T
1/4"	6.35	0.89												
3/8"	9.53	0.89												
1/2"	12.7	1.65												
1.0"	25.4	1.65	25	25	1.25	1.0"	25.4	1.2		25.4	1.65	25	28	1
														1.5
			32	32	1.25	1.25"	31.8	1.2				32	34	1
														1.5
1.5"	38.1	1.65	38	38	1.25	1.5"	38.1	1.2		38.1	1.65	40	40	1
														1.5
2.0"	50.8	1.65	51	51	1.25	2.0"	50.8	1.5		50.8	1.65	50	52	1
														1.5
2.5"	63.5	1.65	63.5	63.5	1.6	2.5"	63.55	2		63.5	1.65	65	70	2
3.0"	76.2	1.65	76	76.2	2	3.0"	76.3	2		76.2	1.65	80	85	2
4.0"	101.6	2.11	104	104	2	4.0"	101.6	2		101.6	1.65	100	104	2
											2.11			

Material: ASTM 304 / 304L / 316L

Spec: ASTM A269 / A270.

Surface & Roughness:

1.OD/ID Pickle ($Ra \leq 1.0\mu m$)

2.Polished:

(1) ID/OD Polished to 180Grit ($Ra \leq 0.8\mu m$).

(2) ID/OD Polished to 240Grit ($Ra \leq 0.6\mu m$).

(3) ID/OD Polished to 320Grit ($Ra \leq 0.5\mu m$).

(4) ID/OD Polished to 420Grit ($Ra \leq 0.4\mu m$).

3.Electric polished

others:

1. Cleaner Series

2. Manhole Covers