Diaphragm Valve

Manual Diaphragm Valve 2 Way CSE 二通手動隔膜閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Casting/Forged/316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1 Ra≦0.5μm, SF4Ra≦0.375μm

Pneumatic Diaphragm Valve 2 Way CSE 二通氣動隔膜閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Casting/Forged /316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1 Ra≦0.5μm, SF4Ra≦0.375μm

Manual Diaphragm Valve 3 Way CSE 三通手動隔膜閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Forged/316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1 Ra≦0.5μm, SF4Ra≦0.375μm

Pneumatic Diaphragm Valve 3 Way CSE 三通氣動隔膜閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Forged/316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1　Ra≦0.5μm, SF4Ra≦0.375μm

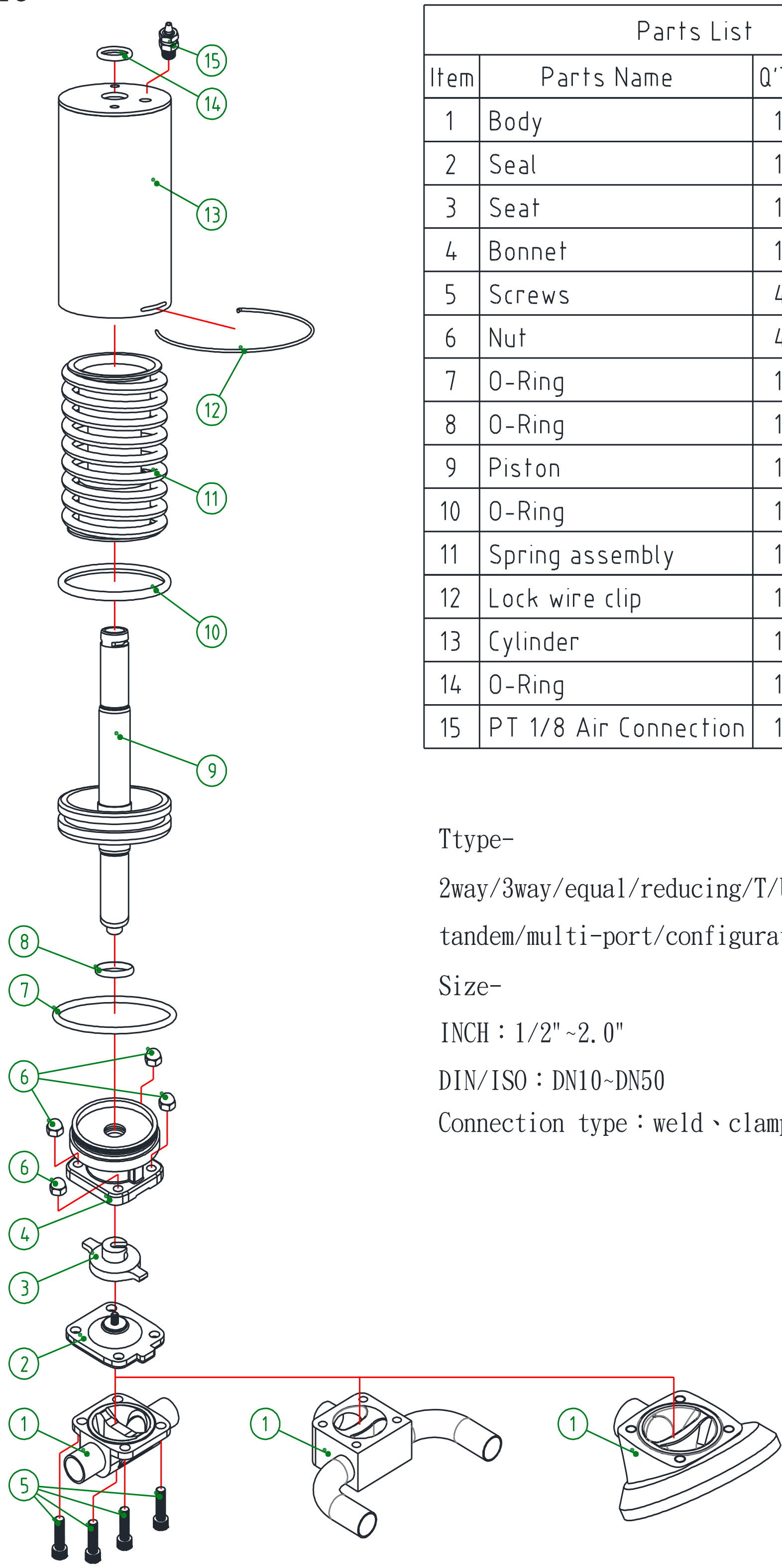
Manual Tank Bottom Diaphragm Valve CSE 手動隔膜桶底閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Forged/316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1　Ra≦0.5μm, SF4Ra≦0.375μm

Pneumatic Tank Bottom Diaphragm Valve CSE 氣動隔膜桶底閥
Standard: BPE 3A DIN
Size: 1/2"-2"
Material: Body:Forged/316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1　Ra≦0.5μm, SF4Ra≦0.375μm

Multi Channel Diaphragm Valve CSE 多通道隔膜閥
Standard: BPE 3A DIN

Size: 1/2"-2"
Material: Body:Casting/Forged /316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1 Ra≦0.5μm, SF4Ra≦0.375μm

CSE Diaphragm Sample Valve CSE 小型取樣隔膜閥
Size: 1/2"
Material: Body:Casting/Forged /316L
Seal: EPDM+PTFE or EPDM
Conection: Clamp/Weld
Operation: Normal open/close
Work Temp: -10˚C~150˚C
Work Pressure: 10 Bar
Surface: SF1 Ra≦0.5μm, SF4 Ra≦0.375μm



Parts List			
Item	Parts Name	Q'TY	Material
1	Body	1	SUS316L
2	Seal	1	EPDM+PTFE
3	Seat	1	SUS304
4	Bonnet	1	SUS304
5	Screws	4	SUS304
6	Nut	4	SUS304
7	O-Ring	1	NBR
8	O-Ring	1	NBR
9	Piston	1	SUS304
10	O-Ring	1	NBR
11	Spring assembly	1	SUS304
12	Lock wire clip	1	SUS304
13	Cylinder	1	SUS304
14	O-Ring	1	NBR
15	PT 1/8 Air Connection	1	Cupper

Ttype-

2way/3way/equal/reducing/T/U/tank outlet/

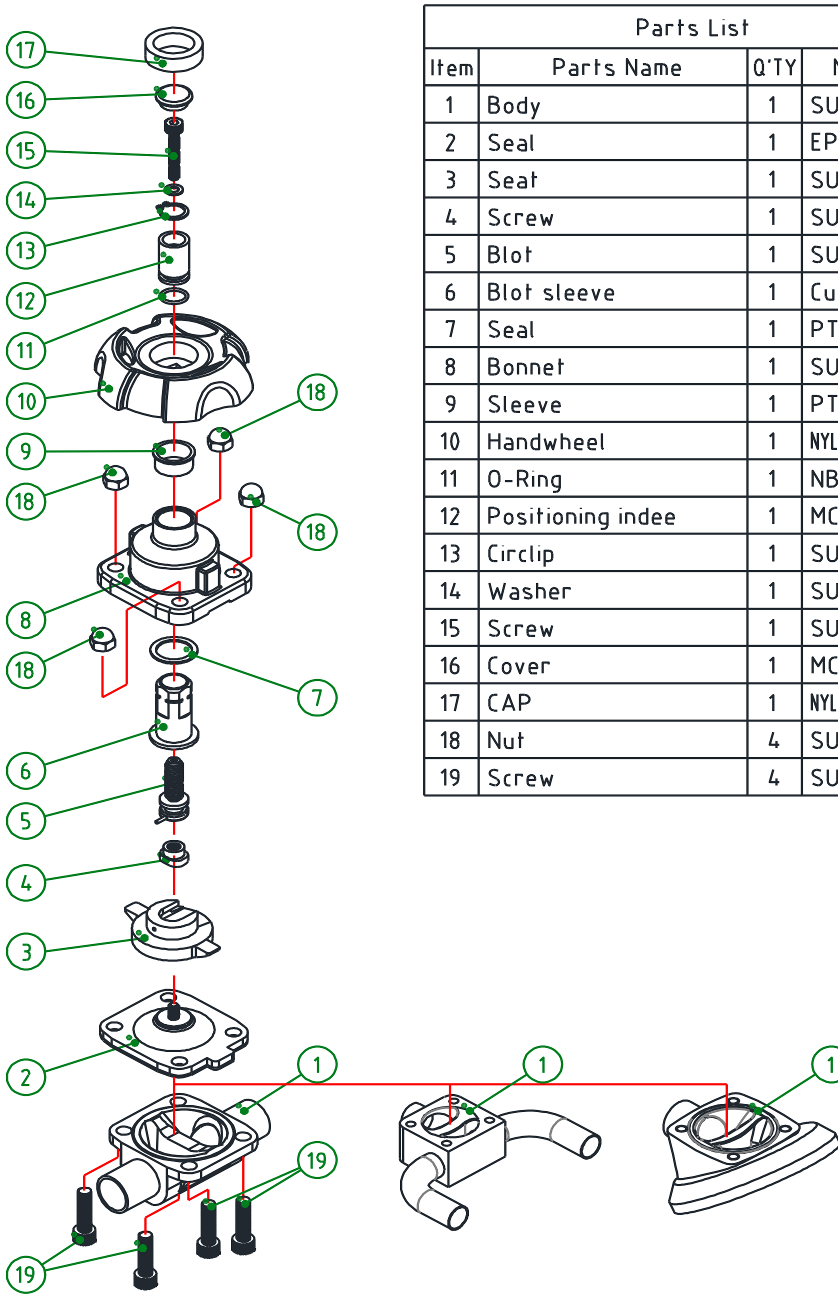
tandem/multi-port/configurator available

Size-

INCH：1/2"~2.0"

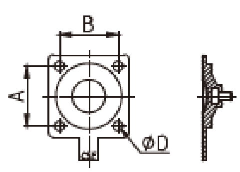
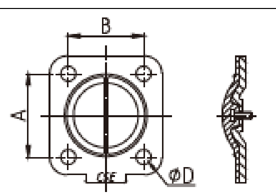
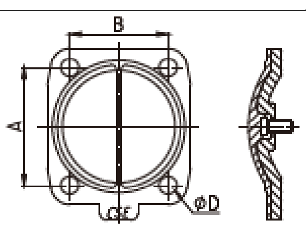
DIN/ISO：DN10~DN50

Connection type：weld、clamp

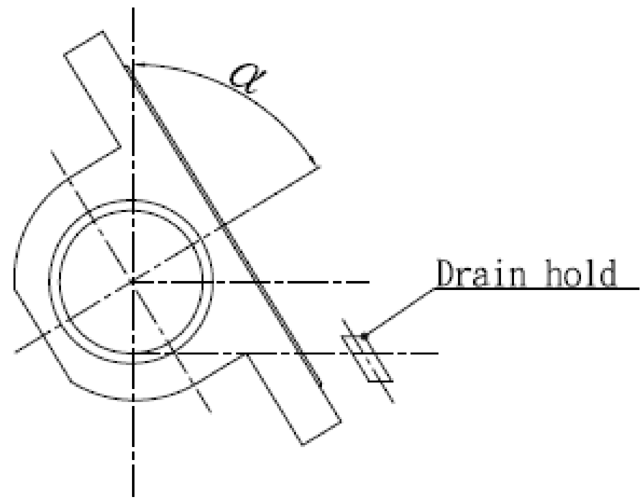


Parts List			
Item	Parts Name	Q'TY	Material
1	Body	1	SUS316L
2	Seal	1	EPDM+PTFE
3	Seat	1	SUS304
4	Screw	1	SUS304
5	Blot	1	SUS304
6	Blot sleeve	1	Cu
7	Seal	1	PTFE
8	Bonnet	1	SUS304
9	Sleeve	1	PTFE
10	Handwheel	1	NYLON 66+30% GF
11	O-Ring	1	NBR
12	Positioning indee	1	MC(Blue)
13	Circlip	1	SUS304
14	Washer	1	SUS304
15	Screw	1	SUS304
16	Cover	1	MC(Blue)
17	CAP	1	NYLON 66+30% GF
18	Nut	4	SUS304
19	Screw	4	SUS304

All the diaphrams in CSE Group meet Sanitary and Pharmaceutical Standards and they have gainde Certificate of FDA.The Diaphragms are of high temperature resistence and strong corrosion resistance;they are of long service life and widely used.

隔膜片型式	規格	AxB	ØD	材質
	DN8	25.5x25	4xØ4	PTFE/EPDM
	DN10-DN15	44x39	4xØ5.5	PTFE/EPDM
	DN20-DN25	54x46	4xØ8.5	PTFE/EPDM
	DN32-DN40	70x65	4xØ10.5	
	DN50	83x78	4xØ12.5	

隔膜閥排空安裝角度

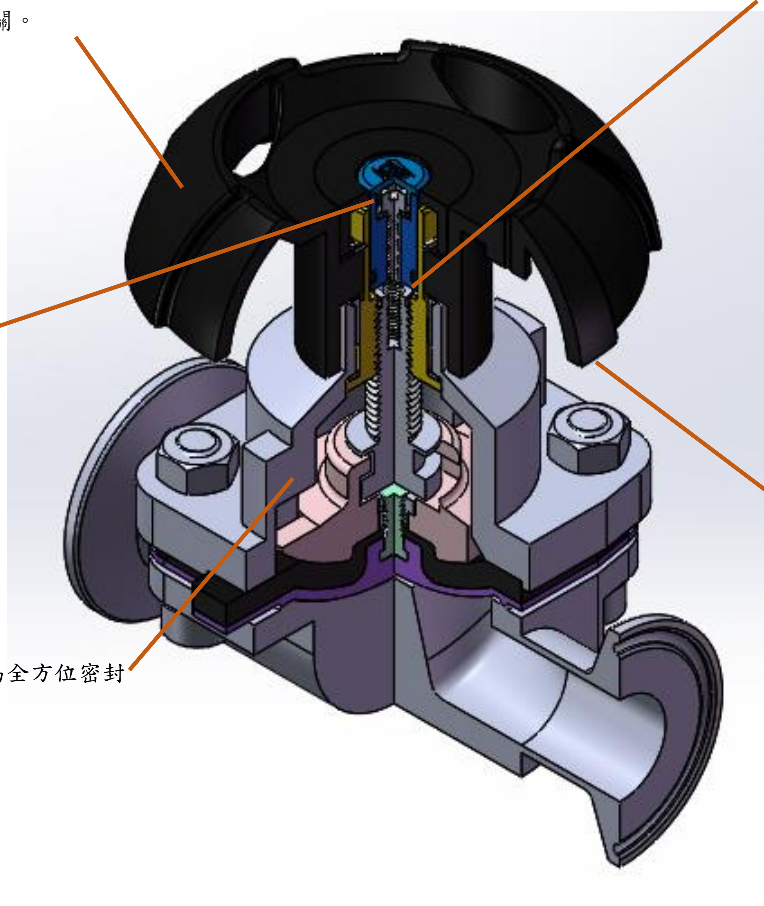


1. The face of body marked with α angle must be the up postion。

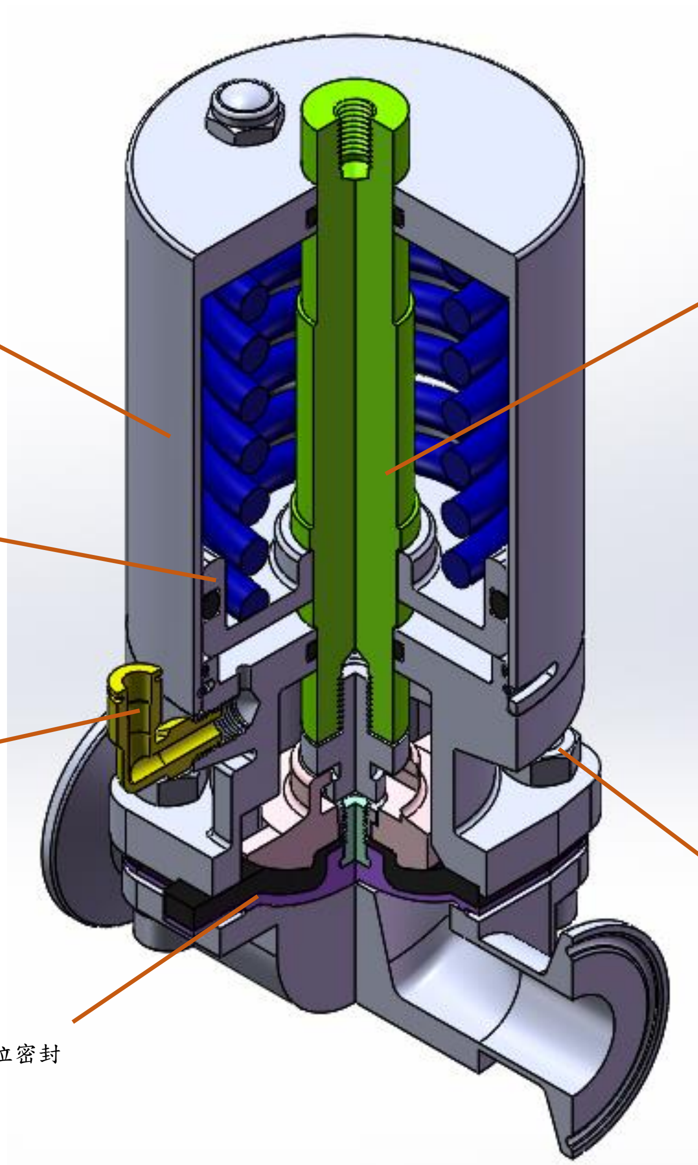
2 .Drain angle α install against to the mark of up position :

Port Size		ASME BPE	DIN
Inch	DIN		
1/2"	DN10	70	71
3/4"	DN20	70	70
1"	DN25	63	63
1.5"	DN32	57	61
2"	DN40	61	51
	DN50		62

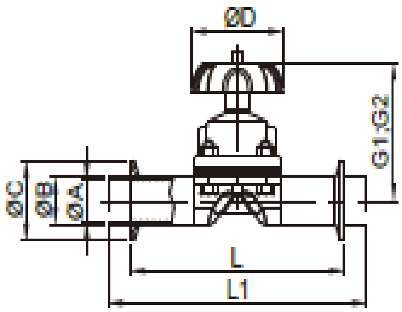
手動隔膜閥由閥體、膜片、手柄組成。可以滿足大多數行業的幾乎所有需求。該閥主要用於生物技術和製藥行業，但也廣泛用於無菌和衛生領域 乳製品，飲料和食品工業產業。



CSE 的優質氣動隔膜閥，應用於遠端流量控制，且擁有多種規格尺寸可滿足大多數行業的需求，廣泛用於無菌和衛生領域 乳製品，飲料和食品工業產業。

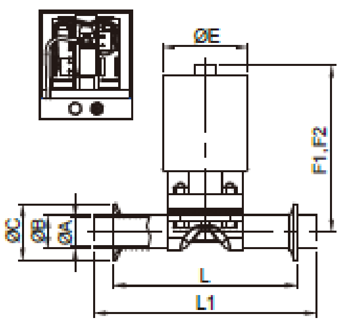


Manual / Pneumatic Diaphragm Valve 2 Way



3A/BPE

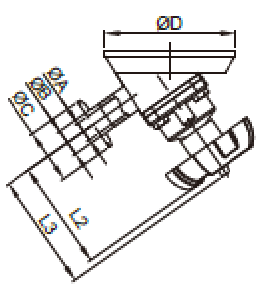
SIZE	1/2"	3/4"	1"	1.5"	2"
ØA	9.4	15.75	22.1	34.8	47.5
ØB	12.7	19.05	25.4	38.1	50.8
ØC-3A	25	25	50.5	50.5	64
ØC-BPE	25	25	25/50.39	50.39	63.91
ØD	60	60	95	95	118
ØE	72	72	85	85	133
F1	122	122	212	217	315
F2	131	131	225	232	333
G1	74	74	100	119	135
G2	83	83	113	134	153
L	88.9	101.6	114.3	139.7	158.8
L1	124	135	141.2	168.4	190.5

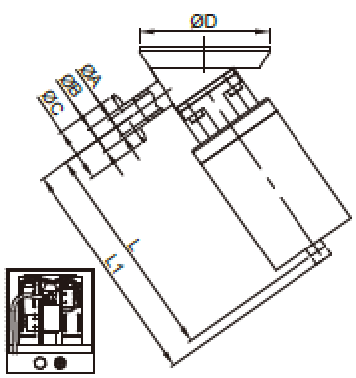


DIN

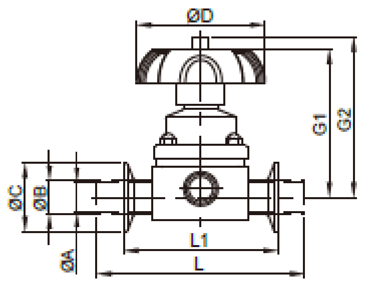
SIZE	DN10	DN20	DN25	DN32	DN40	DN50
ØA	10	20	26	32	38	50
ØB	13	23	29	35	41	53
ØC	34	34	50.5	50.5	50.5	64
ØD		60	60	95	95	118
ØE	72	85	85	85	85	133
F1	122	212	212	217	217	315
F2	131	225	225	232	232	333
G1	74	100	100	119	119	135
G2	83	113	113	134	134	153
L	88.9	101.6	114.3	139.7	139.7	158.8
L1	124	135	141.2	168.4	168.4	190.5

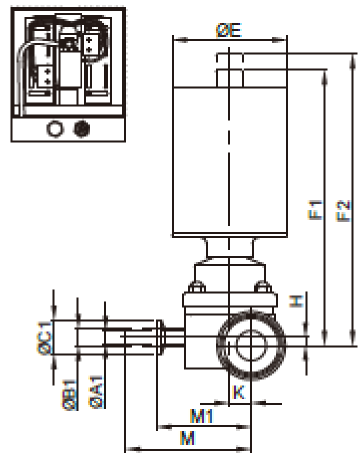
Tank Bottom Diaphragm Valve





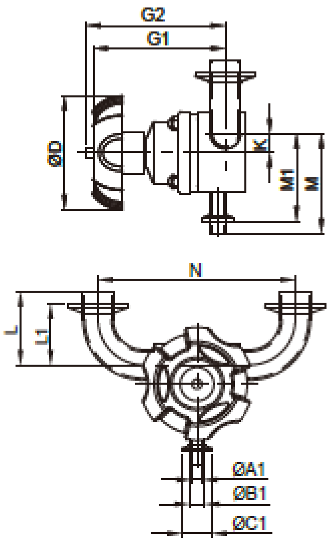
SIZE	1/2"	3/4"	1"	1.5"	2"
ØA	9.4	15.75	22.1	34.8	47.5
ØB	12.7	19.05	25.4	38.1	50.8
ØC	25	25	50.5	50.5	64
ØD	100	100	120	160	160
L	122	122	212	217	315
L1	131	131	225	232	333
L2	74	74	100	119	135
L3	83	83	113	134	153

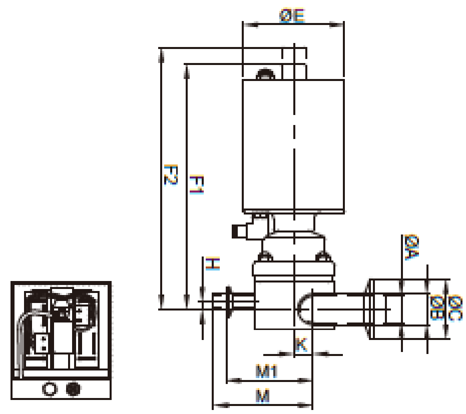




Manual /Pneumatic Diaphragm Valve 3 Way

SIZE	1/2”x1/2”	1/2”x3/4”	1/2”x1”	1/2”x1.5”	1/2”x2”	3/4”x3/4”	3/4”x1”	3/4”x1.5”	3/4”x2”	1”x1”	1”x1.5”	1”x2”	1.5”x1.5”	1.5”x2”	2”x2”
∅A	9.4	15.75	22.1	34.8	47.5	15.75	22.1	34.8	47.5	22.1	34.8	47.5	34.8	47.5	47.5
∅B	12.7	19.05	25.4	38.1	50.8	19.05	25.4	38.1	50.8	25.4	38.1	50.8	38.1	50.8	50.8
∅C	25	25	50.5	50.5	64	25	50.5	50.5	64	50.5	50.5	64	50.5	64	64
∅A1	9.4	9.4	9.4	9.4	9.4	15.75	15.75	15.75	15.75	22.1	22.1	22.1	34.8	34.8	47.5
∅B1	12.7	12.7	12.7	12.7	12.7	19.05	19.05	19.05	19.05	25.4	25.4	25.4	38.1	38.1	50.8
∅C1	25	25	25	25	25	25	25	25	25	50.5	50.5	50.5	50.5	50.5	64
∅D	60	60	60	60	60	60	60	60	60	95	95	95	95	95	118
∅E	72	72	72	72	72	72	72	72	72	85	85	85	85	85	133
F1	122	122	122	122	122	122	122	122	122	212	212	212	217	217	315
F2	131	131	131	131	131	131	131	131	131	225	225	225	232	232	333
G1	74	74	74	74	74	74	74	74	74	100	100	100	119	119	135
G2	83	83	83	83	83	83	83	83	83	113	113	113	134	134	153
H		6.18	13.2	19.5	19.5	4.5	10.7	17.5	17.5	6.2	14.5	18.4	6.2	13.7	
K	6.8	9.98	13.15	19.5	25.85	9.98	13.15	19.5	25.85	16.05	22.4	28.75	22.4	28.75	28.75
L	139.7	139.7	154	153.6	153.6	139.7	153.6	153.6	153.6	172.6	172.6	172.6	197.6	197.6	211.6
L1	88.9	88.9	114.3	114.3	114.3	88.9	114.3	114.3	114.3	114.3	114.3	114.3	139.7	139.7	158.8
M	69.4	72.58	75.75	82.1	88.45	72.58	75.75	82.1	88.45	86.65	93	99.35	105	111.35	123.75
M1	51	54.18	57.35	63.7	70.05	54.18	57.35	63.7	70.05	70.6	74.6	80.95	86.6	92.95	98.95





SIZE	1/2"x1/2"	1/2"x3/4"	1/2"x1"	1/2"x1.5"	1/2"x2"	3/4"x3/4"	3/4"x1"	3/4"x1.5"	3/4"x2"	1"x1"	1"x1.5"	1"x2"	1.5"x1.5"	1.5"x2"	2"x2"
∅A	9.4	15.75	22.1	34.8	47.5	15.75	22.1	34.8	47.5	22.1	34.8	47.5	34.8	47.5	47.5
∅B	12.7	19.05	25.4	38.1	50.8	19.05	25.4	38.1	50.8	25.4	38.1	50.8	38.1	50.8	50.8
∅C	25	25	50.5	50.5	64	25	50.5	50.5	64	50.5	50.5	64	50.5	64	64
∅A1	9.4	9.4	9.4	9.4	9.4	15.75	15.75	15.75	15.75	22.1	22.1	22.1	34.8	34.8	47.5
∅B1	12.7	12.7	12.7	12.7	12.7	19.05	19.05	19.05	19.05	25.4	25.4	25.4	38.1	38.1	50.8
∅C1	25	25	25	25	25	25	25	25	25	50.5	50.5	50.5	50.5	64	64
∅D	60	60	60	60	60	60	60	60	60	95	95	95	95	95	118
∅E	60	60	60	60	60	60	60	60	60	85	85	85	85	85	133
F1	122	122	122	122	122	122	122	122	122	212	212	212	217	217	315
F2	131	131	131	131	131	131	131	131	131	225	225	225	232	232	333
G1	74	74	74	74	74	74	74	74	74	100	100	100	119	119	135
G2	83	83	83	83	83	83	83	83	83	113	113	113	134	134	153
H		6.18	13.44	19.5	19.5	4.5	10.7	17.5	17.5	6.2	14.5	18.4	6.2	13.7	
K	6.8	9.98	13.15	19.5	25.85	9.98	13.15	19.5	25.85	16.05	22.4	28.75	22.4	28.75	28.75
L	57.15	66.68	76.2	95.3	120.7	66.68	76.2	95.3	120.7	76.2	95.3	120.7	95.3	120.7	120.7
L1	31.75	41.25	50.8	69.9	88.9	41.28	50.8	69.9	88.9	50.8	69.9	88.9	69.9	88.9	88.9
M	69.4	72.85	75.75	82.1	88.45	72.58	72.75	82.1	88.45	70.6	93	99.35	105	111.35	123.75
M1	51	54.18	57.35	63.7	70.05	54.18	57.35	63.7	70.05	68.25	74.6	80.95	86.6	92.95	98.95
N	101.7	120.7	165.1	203.3	241.3	120.7	165.1	203.3	241.3	165.1	203.3	241.3	228.7	266.7	285.8

多端口隔膜閥型式

多端口閥體設計可以利用傳統閥的位置和裝配的組合有助於簡化管道，且有多種角度和位置的串連供選擇可用作排放或轉向，常用於取樣或蒸氣。

TDV type

◆ 水平式主閥 / 垂直式分支閥（LAVO – type）

LAVO-1.2

LAVO-2.2

LAVO-1.1

LAVO-2.1

◆ 垂直式主閥 / 水平式排水分支閥（VOHA – type）

VOHA-1.1

VOHA-2.1

VOHA-1.2

VOHA-2.2

◆ 水平式排水主閥 / 垂直式分支閥（LAVA – type）

LAVA-1.2

LAVA -2.2

LAVA -1.1

LAVA -2.1

◆水平式排水主閥 / 水平式排水分支閥（LAHA – type）

LAHA-1.1

LAHA -2.1

LAHA -1.2

LAHA -2.2

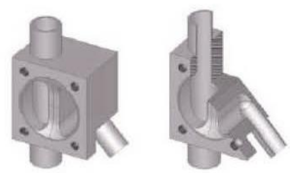
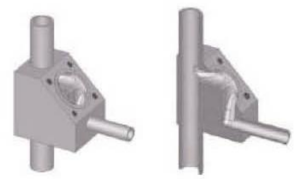
代號說明　　例如：LAVO - 1.1

L	A	V	O	-	1	1
主體閥	主體閥傾斜角	子串聯體	子串聯體傾斜角	–	子串聯體連接主體端口	子串聯體方向
水平 = L 垂直 = V	有傾斜角 = A 沒傾斜角 = O	橫的 = H 垂直 = V	有傾斜角 = A 沒傾斜角 = O		左 = 1 右 = 2	1 = 前面 2 = 後面

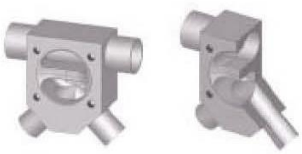
塊狀零死角隔膜閥

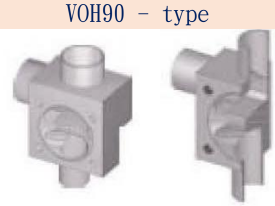
塊狀隔膜閥體為緊密無縫接設計，可確保完全排出和零死角，優化複雜管道系統進行安全流體配置，適用於水平安裝位置。

BDV type

LBI90 – type　　VBA45 – type　　VOH90 – type





LBV90 – type　　UBI90 – type　　BOI90- type

◆ 偏心式閥體附採樣出口




A-type　　B-type　　C-type　　D-type

◆ 同心式閥體附採樣出口




A-type　　B-type　　C-type　　D-type

◆ 組合式客製閥體

代號說明　　例如：LBV90

L	B	I	90
主體管	隔膜與主體管	第三口管形	第三口角度
水平 = L 垂直 = V U型 = U 彎曲 = B	順流向 = B 截順流向 = O	傾斜 = A 直立 = I V形 = V 彎曲 = B 橫的 = H	45° = 45 90° = 90