

SteriPure Diaphragm Valves

LEISTUNG

Series 25 - Two - way Diaphragm valve Pneumatically operating forged valve

- Available from DN 8 to DN 100
- Normally close, normally open and double acting options available
- Cavity free and self-draining
- Stroke limiter, electric position indicator and position and process controller accessories available
- Hermetical separation of fluids from the operating mechanism by diaphragm
- Fully Autoclavable
- Full traceability as per EN 10204 3.1 and ASME BPE
- Various internal surface finish available



2-Way Diaphragm valve, Forged Stainless Steel body,
Actuated with V-band (Hygienic) Clamp Connector

2-Way Diaphragm Valve, Forged Stainless Steel Body,
Actuated with Butt-weld End

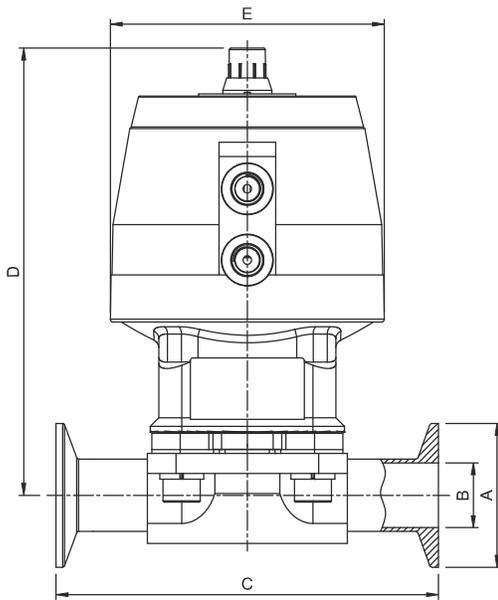


Fig. 251

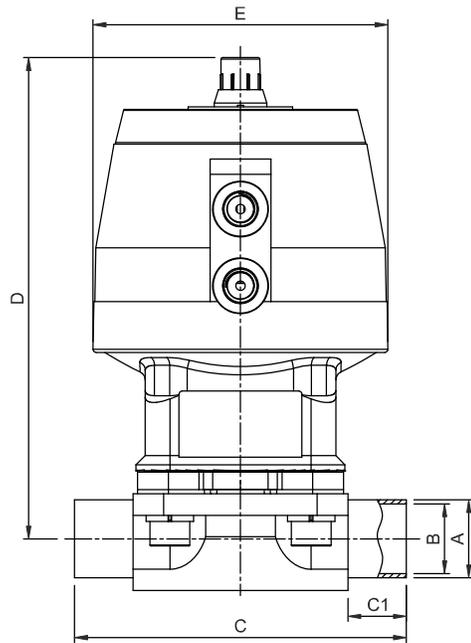


Fig. 252

Dimensions for end connections according to ASME BPE connection type

Cylinder and Base - Polyamide (Refer Figure 251)						
LDG	DN	A	B	C	D	E
8	8	25.0	9.4	71.0	120.8	51.7
15	15	25.0	9.4	88.9	112.9	68.0
	20	25.0	15.75	101.6	116.0	68.0
	20	35.0	15.75	101.6	116.0	68.0
	20	50.4	15.75	101.6	116.0	68.0
25	25	50.4	22.1	114.3	157.0	96.0
40	40	50.4	34.8	139.7	224.6	151.5
	50	63.9	47.5	158.8	231.4	151.5

Cylinder and Base - Polyamide (Refer Figure 252)							
LDG	DN	A	B	C	C1	D	E
8	8	12.7	9.4	71.0	19.0	120.8	51.7
15	15	12.7	9.4	84.0	19.0	112.9	68.0
	20	19.05	15.75	84.0	19.0	116.0	68.0
25	25	25.4	22.1	120.0	25.0	157.0	96.0
40	40	38.1	34.8	142.9	25.0	224.6	151.5
	50	50.8	47.5	152.9	30.0	231.4	151.5

2-Way Diaphragm valve, Forged Stainless Steel body, Actuated with V-band (Hygienic) Clamp Connector

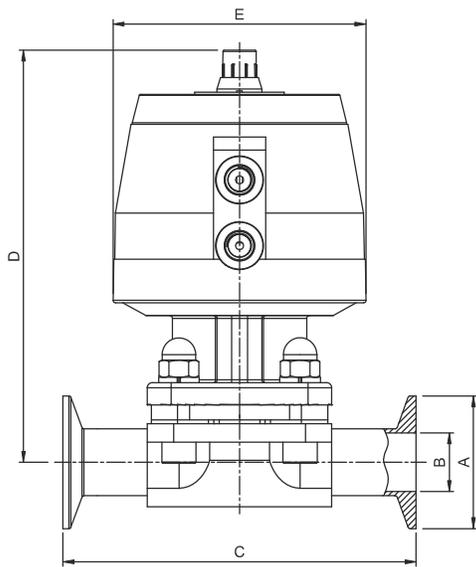


Fig. 253

2-Way Diaphragm Valve, Forged Stainless Steel Body, Actuated with Butt-weld End

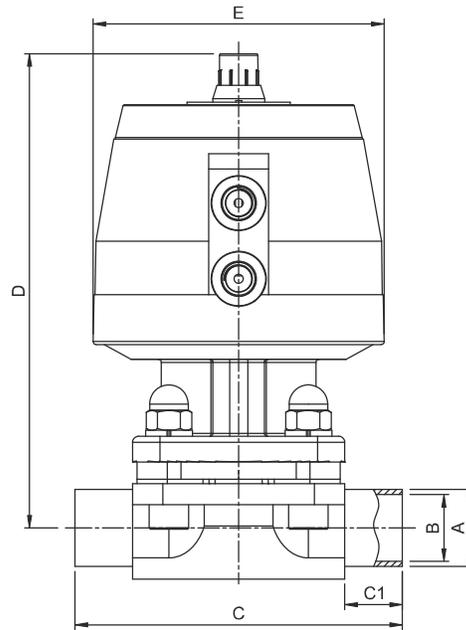
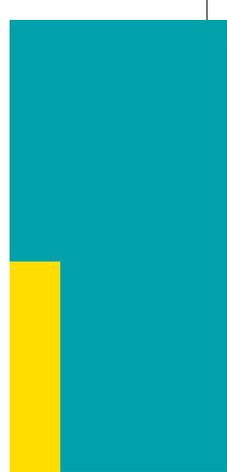


Fig. 254

Dimensions for end connections according to ASME BPE connection type

Cylinder PA and Base SS (Refer Figure 253)						
LDG	DN	A	B	C	D	E
8	8	25.0	9.4	71.0	120.8	51.7
15	15	25.0	9.4	88.9	112.9	68.0
	20	25.0	15.75	101.6	116.0	68.0
	20	35.0	15.75	101.6	116.0	68.0
	20	50.4	15.75	101.6	116.0	68.0
25	25	50.4	22.1	114.3	157.0	96.0
40	40	50.4	34.8	139.7	224.6	151.5
	50	63.9	47.5	158.8	231.4	151.5
50	50	63.9	47.5	158.8	267.5	178.3
	65	77.4	60.2	193.8	274.8	178.3
	80	90.9	72.9	222.3	283.2	178.3
80	80	90.9	72.9	222.3	321.7	210.3

Cylinder PA and Base SS (Refer Figure 254)							
LDG	DN	A	B	C	C1	D	E
8	8	12.7	9.4	71.0	19.0	120.8	51.7
15	15	12.7	9.4	84.0	19.0	112.9	68.0
	20	19.05	15.75	84.0	19.0	116.0	68.0
25	25	25.4	22.1	120.0	25.0	157.0	96.0
40	40	38.1	34.8	142.9	25.0	224.6	151.5
	50	50.8	47.5	152.9	30.0	231.4	151.5
50	50	50.8	47.5	176.1	30.0	267.5	178.3
	65	63.5	60.2	184.1	34.0	274.8	178.3
	80	76.2	72.9	196.1	40.0	283.2	178.3
80	80	76.2	72.9	238.0	40.0	321.7	210.3



2-Way Diaphragm valve, Forged Stainless Steel body, Actuated with V-band (Hygienic) Clamp Connector

2-Way Diaphragm Valve Forged Stainless Steel Body, Actuated with Butt-weld End

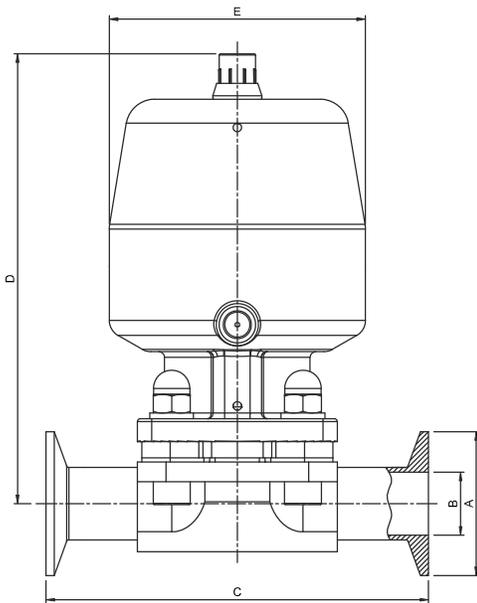


Fig. 255

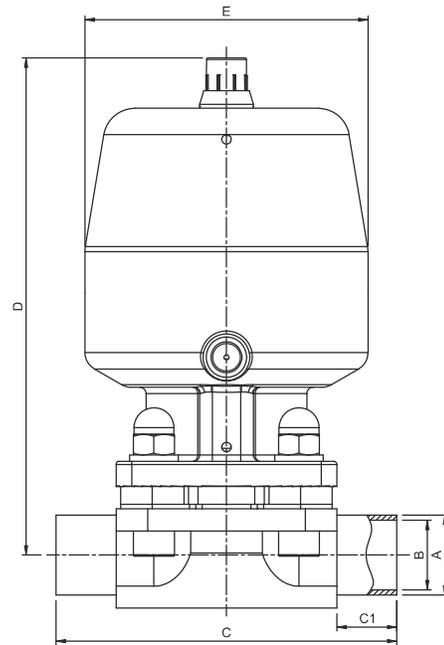


Fig. 256

Dimensions for end connections according to ASME BPE connection type

Cylinder and Base - Stainless Steel (Refer Figure 255)						
LDG	DN	A	B	C	D	E
8	8	25.0	9.4	71.0	114.4	49.7
15	15	25.0	9.4	88.9	114.5	66.0
	20	25.0	15.75	101.6	117.6	66.0
	20	35.0	15.75	101.6	117.6	66.0
	20	50.4	15.75	101.6	117.6	66.0
25	25	50.4	22.1	114.3	157.8	89.7
40	40	50.4	34.8	139.7	204.3	134.6
	50	63.9	47.5	158.8	211.1	134.6
50	50	63.9	47.5	158.8	244.8	161.0
	65	77.4	60.2	193.8	252.0	161.0
	80	90.9	72.9	222.3	258.3	161.0
80	80	90.9	72.9	222.3	285.9	191.0
100	100	118.9	97.38	292.1	454.6	229.0

Cylinder and Base - Stainless Steel (Refer Figure 256)							
LDG	DN	A	B	C	C1	D	E
8	8	12.7	9.4	71.0	19.0	114.4	49.7
15	15	12.7	9.4	84.0	19.0	114.5	66.0
	20	19.05	15.75	84.0	19.0	117.6	66.0
25	25	25.4	22.1	120.0	25.0	157.8	89.7
40	40	38.1	34.8	142.9	25.0	204.3	134.6
	50	50.8	47.5	152.9	30.0	211.1	134.6
50	50	50.8	47.5	176.1	30.0	244.8	161.0
	65	63.5	60.2	184.1	34.0	252.0	161.0
	80	76.2	72.9	196.1	40.0	258.3	161.0
80	80	76.2	72.9	238.0	40.0	285.9	191.0
100	100	101.6	97.38	310.0	40.0	454.6	229.0

Order Sample:

LE	25	A	15	P	C	P	P	NA	E	T	9
1	2	3	4	5	6	7	8	9	10	11	12

Order Codes:

1	Make	Code
	Leistung	LE
2	Series	Code
	Two way Pneumatically operated forged valve	25
3	Connection std	Code
	ASME BPE	A
	BS 4825	B
	EN ISO 1127/ISO 4200	E
4	Connection Size	Code
	Mini	08
	1/2"	15
	3/4"	20
	3/4" (Ø35)	20A
	3/4" (Ø50)	20B
	1"	25
	1 1/2"	40
	2" Eco	50E
	2"	50
	2 1/2"	65
	3" Eco	80E
	3"	80
	4"	100
5	MOC of Diaphragm	Code
	EPDM	E
	PTFE	P

6	Actuator Type	Code
	Normally Open	O
	Normally close	C
	Double Acting	A
7	MOC of Cylinder	Code
	ASTM A351 GR CF8	C
	Polyamide	P
8	MOC of Base	Code
	ASTM A351 GR CF8	C
	Polyamide	P
9	PID control options	Code
	Signal operated controller	SO
	Smart PID controller	SM
	Smart Process PID controller	SP
	Not Applicable	NA
10	Surface Finish	Code
	Mechanical	M
	Electropolish	E
11	Type of End Connection	Code
	Buttweld	B
	V - Band (Hygienic clamp)	T
12	Certificate	Code
	ISO 9001	9
	PED 2014/68/EU	P