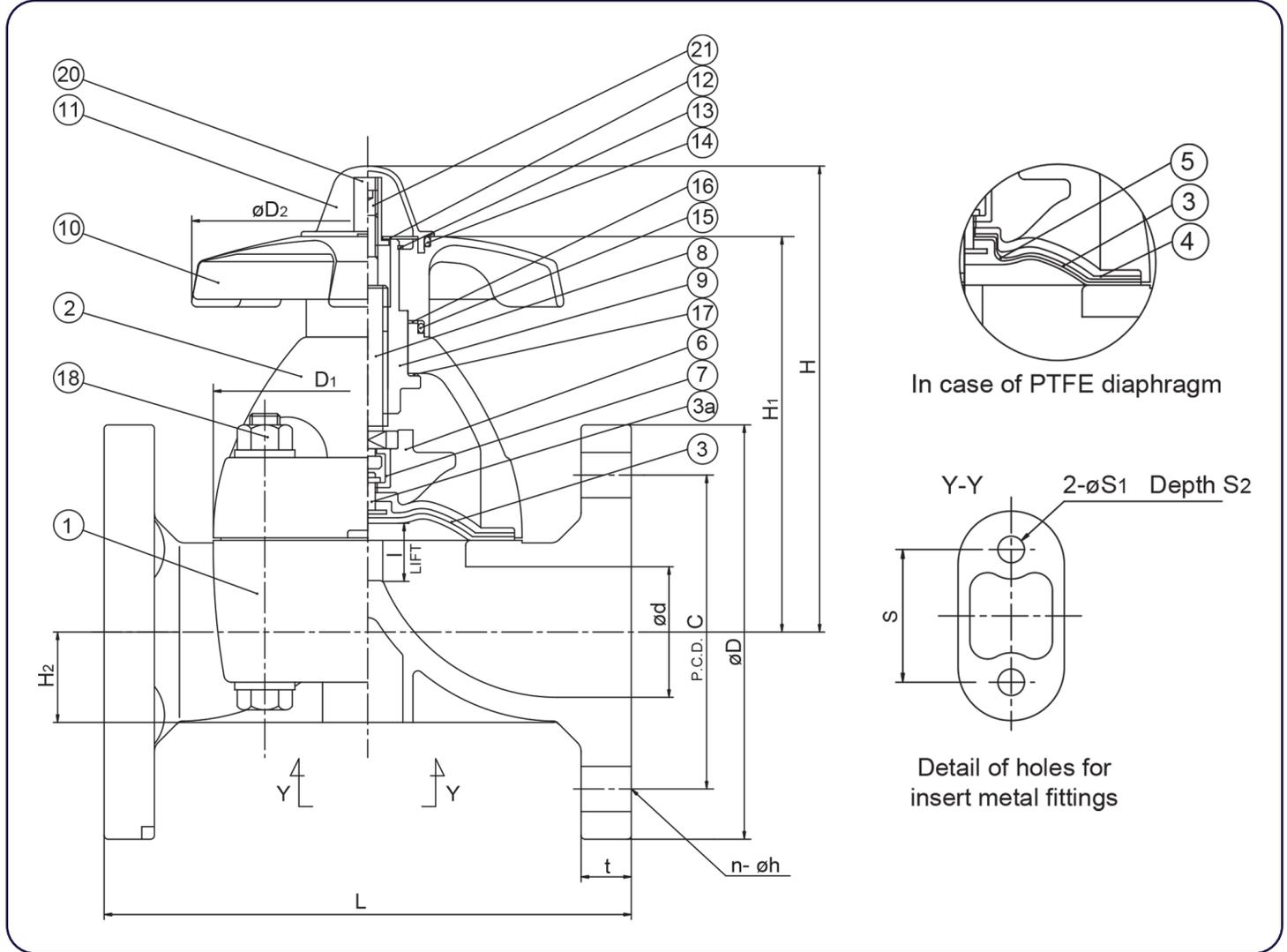


Type-14 Flanged Diaphragm Valve Dimensional Guide

DIMENSIONS (SIZES 1/2" - 2")(INCHES):

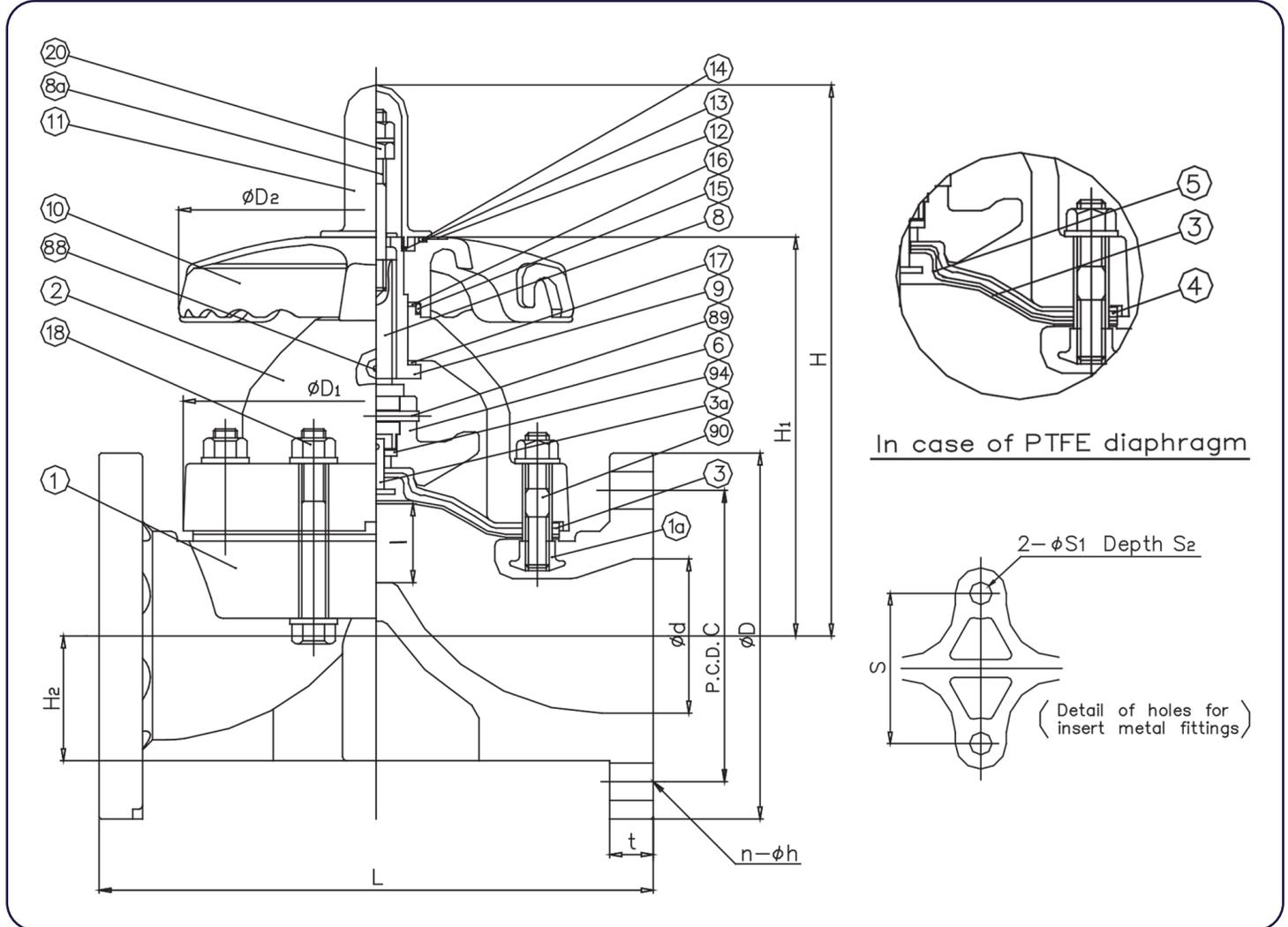


Nominal Size		d	ANSI Class 150				D1	D2	l	L	t	H	H1	H2	S	S1	S2
inch	mm		C	D	n	h											
1/2	15	0.63	2.38	3.50	4	0.62	2.13 x 2.60	3.46	0.39	4.25	0.43	4.09	3.39	0.49	0.98	0.28	0.51
3/4	20	0.79	2.75	3.88	4	0.62	2.13 x 2.60	3.46	0.39	5.88	0.51	4.17	3.46	0.57	0.98	0.28	0.51
1	25	0.98	3.12	4.25	4	0.62	2.64 x 3.15	3.46	0.47	5.88	0.59	4.37	3.66	0.73	0.98	0.28	0.51
1-1/4	32	1.26	3.50	4.62	4	0.62	2.64 x 3.15	3.46	0.47	6.38	0.63	4.57	3.82	0.89	0.98	0.28	0.51
1-1/2	40	1.57	3.88	5.00	4	0.62	4.25 x 4.25	6.14	0.83	6.94	0.63	6.97	5.67	1.08	1.77	0.35	0.59
2	50	2.05	4.75	6.00	4	0.75	4.84 x 4.84	6.14	0.98	7.94	0.79	7.52	6.22	1.42	1.77	0.35	0.59

Note: The shape and appearance of assembly differ slightly with nominal size compared to the drawing.

Type-14 Flanged Diaphragm Valve Dimensional Guide

DIMENSIONS (SIZES 2-1/2" - 4")(INCHES):



Nominal Size		ANSI Class 150								t								
inch	mm	d	C	D	n	h	D1	D2	l	L	PVC, CPVC	PP, PVDF	H	H1	H2	S	S1	S2
2-1/2	65	2.64	5.50	7.00	4	0.75	6.89	8.66	1.34	9.84	0.87	0.91	10.47	7.40	2.40	3.35	0.43	0.79
3	80	3.07	6.00	7.50	4	0.75	7.91	8.66	1.65	10.38	0.87	0.91	11.02	7.95	2.48	3.94	0.59	1.10
4	100	3.94	7.50	9.00	8	0.75	9.49	10.12	1.97	12.94	0.87	0.94	12.95	9.49	3.07	4.72	0.59	1.10

Note: The shape and appearance of assembly differ slightly with nominal size compared to the drawing.

Type-14 Flanged Diaphragm Valve Dimensional Guide

PARTS LIST (SIZES 1/2" - 2"):

Parts List			
No.	Description	Pcs.	Material
1	Body	1	PVC, CPVC, PP, PVDF
2	Bonnet	1	PVC, PPG, PP, PVDF
3	Diaphragm	1	EPDM, PTFE, others
3a	Diaphragm metal insert	1	Stainless steel 304
4	Cushion*	1	EPDM
5	PVDF gas barrier*	1	PVDF
6	Compressor	1	PVDF
7	Joint	1	Stainless steel 304
8	Stem	1	Copper alloy
9	Sleeve	1	Copper alloy
10	Handwheel	1	PP
11	Gauge cover	1	PC
12	Nameplate	1	PVC
13	Retaining ring (C type)	1	Stainless steel 304
14	O-ring (A)	1	EPDM
15	O-ring (B)	1	EPDM
16	Thrust ring (A)	1	UHMWPE
17	Thrust ring (B)	1	UHMWPE
18	Bolt, nut, washer	4 sets	Stainless steel 304
20	Stopper (A)	1	Copper alloy
21	Screw	1	Stainless steel 304

* Used on PTFE diaphragm

PARTS LIST (SIZES 2-1/2" - 4"):

Parts List			
No.	Description	Pcs.	Material
1	Body	1	PVC, CPVC, PP, PVDF
2	Bonnet	1	PVC, PPG, PP, PVDF
3	Diaphragm	1	EPDM, PTFE, others
3a	Diaphragm metal insert	1	Stainless steel 304
4	Cushion*	1	EPDM
5	PVDF gas barrier*	1	PVDF
6	Compressor	1	PVDF
8	Stem	1	Copper alloy
8a	Indicating rod	1	Stainless steel 304
9	Sleeve	1	Copper alloy
10	Handwheel	1	PP
11	Gauge Cover	1	PC
12	Nameplate	1	PVC
13	Retaining ring (C type)	1	Stainless steel 304
14	O-ring (A)	1	EPDM
15	O-ring (B)	1	EPDM
16	Thrust ring (A)	1	UHMWPE
17	Thrust ring (B)	1	UHMWPE
18	Bolt, nut, washer	4 Sets	Stainless steel 304
20	Stopper (A)	1	Copper alloy
88	Grease nipple	1	Copper alloy
89	Compressor pin	1	Stainless steel 304
90	Stud bolt, nut	4 Sets	Stainless steel 304, others
94	Metal of compressor	1	Stainless steel 304**
1a	Inserted nut	4	Copper Alloy***

* Used on PTFE diaphragm

** Used for PVDF body

*** Used for PVC, CPVC, and PP bodies