

FLANGE-END DIAPHRAGM VALVE

Smooth operation with clear indication of opening/ closing through the gauge cover.

Low maintenance cost with replaceable diaphragm and long service life

Adjustable stopper to avoid over-tightening

Available in PVC, CPVC, PP, PVDF

Diaphragm material choices of EPDM, Viton®, and PTFE.

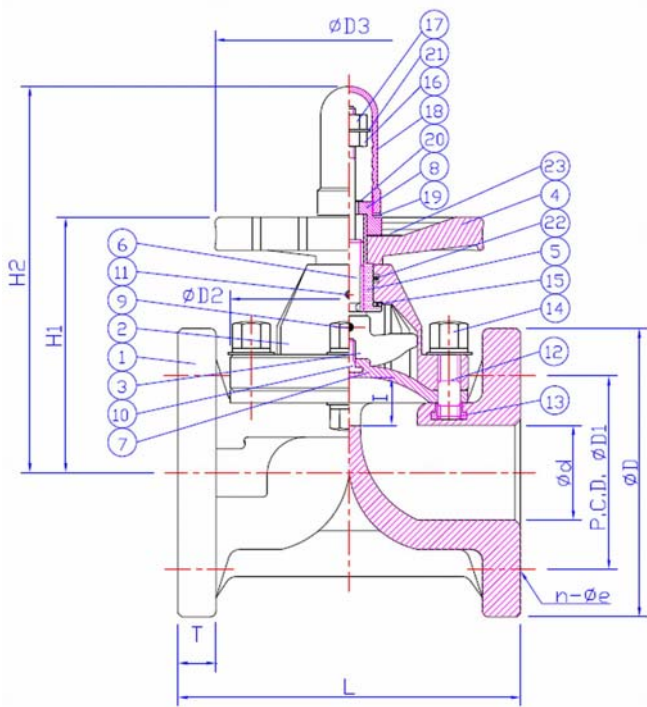


Diaphragm Valves are built to order and must be ordered in master carton quantities. Please check with Customer Service for part numbers, pricing and lead time. Flange connections are ANSI B16.5, Class 150

Size	1/2	3/4	1	1-1/4	1-1/2	2
Qty	24	12	12	4	4	4
Size	2-1/2	3	4	6	8	
Qty	2	2	1	1	1	

Do not use with compressed air or gas.
For fluid handling only.

Revised 11/19/09



NO.	PART	MATERIAL	QTY
1	BODY	UPVC, CPVC, PP, PVDF	1
2	BONNET	UPVC, CPVC, PP, PVDF, PP+GF	1
3	COMPRESSOR	FC, SUS, PPG, PVDF	1
4	HANDWHEEL	PP	1
5	SLEEVE	C3602, SUS	1
6	STEM	C3602, SUS	1
7	DIAPHRAGM	EPDM, FPM, PTFE	1
8	CAP	UPVC, CPVC, PVDF	1
9	COMPRESSOR PIN	SUS 304	1
10	INSERTED METAL	C3604, SUS304	1
11	GREASE NIPPLE	C3604, (65-200)	1
12	BOLTS&WASHER	200mm--- 16set 150mm--- 12set	
13	INSERTED NUT	65- 125mm--- 8set 25-50mm-- -6set	
14	NUTS&WASHER	SUS 304/316	
15	THRUST BEARING	STANDARD(100-200)	1
16	STOPPER	SUS 304	1
17	SET NUT	SUS 304	1
18	GAUGE COVER	AS	1
19	SHEET GASKET	EPDM	1
20	SHEET RING	SUS 304	1
21	SPRING WASHER	SUP	1
22	O-RING	NBR	1
23	LOGO PLATE	UPVC	1

Dimensions (mm)

	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8
øD	89	98	108	127	127	152	178	191	229	291	343
øD1	61	70	79	89	98	121	140	152	191	241	298
n - øe	4 - 16	4 - 16	4 - 16	4 - 16	4 - 16	4 - 19	4 - 19	4 - 19	8 - 19	8 - 22	8 - 22
L	108	150	150	176	176	202	250	264	329	480	570
T (PVC,CPVC)	12	15	17	18	18	17	20	20	22	24	30
T (PP,PVDF)	13	15	18	20	20	18	21	21	24	27	28
øD3	95	95	110	150	150	150	210	210	250	410	405
ød	13	18	25	41	41	52	67	78	100	148	198
H1	85	94	98	130	130	148	189	250	275	334	450
H2	126	137	144	220	220	225	270	343	383	476	627
l	10	12	15	22	22	31	39	48	60	70	95

Dimensions (Inch)

	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6	8
øD	3.50	3.86	4.25	5.00	5.00	5.98	7.01	7.52	9.02	11.46	13.50
øD1	2.40	2.76	3.11	3.50	3.86	4.76	5.51	5.98	7.52	9.49	11.73
n - øe	4 - 0.630	4 - 0.630	4 - 0.630	4 - 0.630	4 - 0.630	4 - 0.748	4 - 0.748	4 - 0.748	8 - 0.748	8 - 0.866	8 - 0.866
L	4.25	5.91	5.91	6.93	6.93	7.95	9.84	10.39	12.95	18.90	22.44
T (PVC,CPVC)	0.47	0.59	0.67	0.71	0.71	0.67	0.79	0.79	0.87	0.94	1.18
T (PP,PVDF)	0.51	0.59	0.71	0.79	0.79	0.71	0.83	0.83	0.94	1.06	1.10
øD3	3.74	3.74	4.33	5.91	5.91	5.91	8.27	8.27	9.84	16.14	15.94
ød	0.51	0.71	0.98	1.61	1.61	2.05	2.64	3.07	3.94	5.83	7.80
H1	3.35	3.70	3.86	5.12	5.12	5.83	7.44	9.84	10.83	13.15	17.72
H2	4.96	5.39	5.67	8.66	8.66	8.86	10.63	13.50	15.08	18.74	24.68
l	0.39	0.47	0.59	0.87	0.87	1.22	1.54	1.89	2.36	2.76	3.74