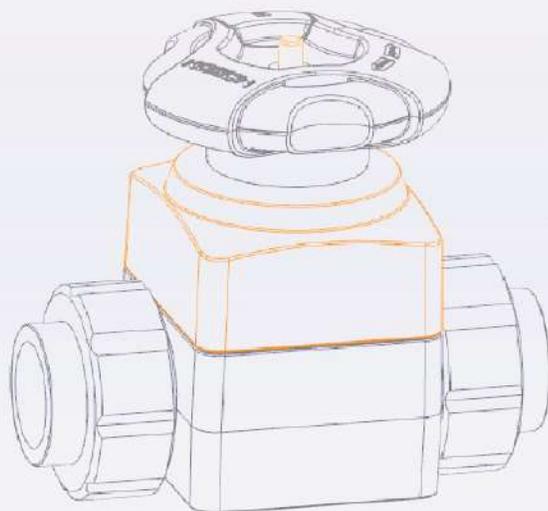# MV 301

Manual diaphragm valve

MV301 manual diaphragm valve is the new product with multifunctional adjustment module of ergonomics and with limit and lock functions as well. Superior flow channel and Diaphragm connection of the suspension structure, Make the performance of the product more superior.

Easy installation and maintenance

* Easy to install with more snaps and threaded structures
* All-plastic appearance is beautiful and corrosion resistant
* Accurate screw fit clearance, smooth operation and maintenance-free
* Same sizes and installation length as international brands products
* Integrated visual position feedback and easy to observe
* The adjustment module is Ergonomic
* The handwheel has locking function every 22.5° precise adjustment and opening / closing management

High safety performance

* Diaphragm compressor designs with limited position and torque overload protection
* Diaphragm connection of the suspension structure to fully protect the diaphragm
* The hand wheel adjusting module is provided with an integral locking switch, which can be padlocked

High Flexibility

* True union connection, loose flange connection, butt-fusion connection without unions
* DIN, JIS and ANSI standards are available
* Diaphragms are available for EPDM, FPM and EPDM-PTFE
* Bodies are available for PVC-U, PVC-C, PP-H and PVDF
* Oil free valves are available for PP-H and PVDF valves

The best flow performance

* Superior flow channel makes the linear characteristics of the fluid more precise and controllable
* The smooth and excessive curved channel has smaller pressure loss, and brings double flow capacity compared with the traditional diaphragm valve
* Suitable for liquids with small amounts of particles and solids
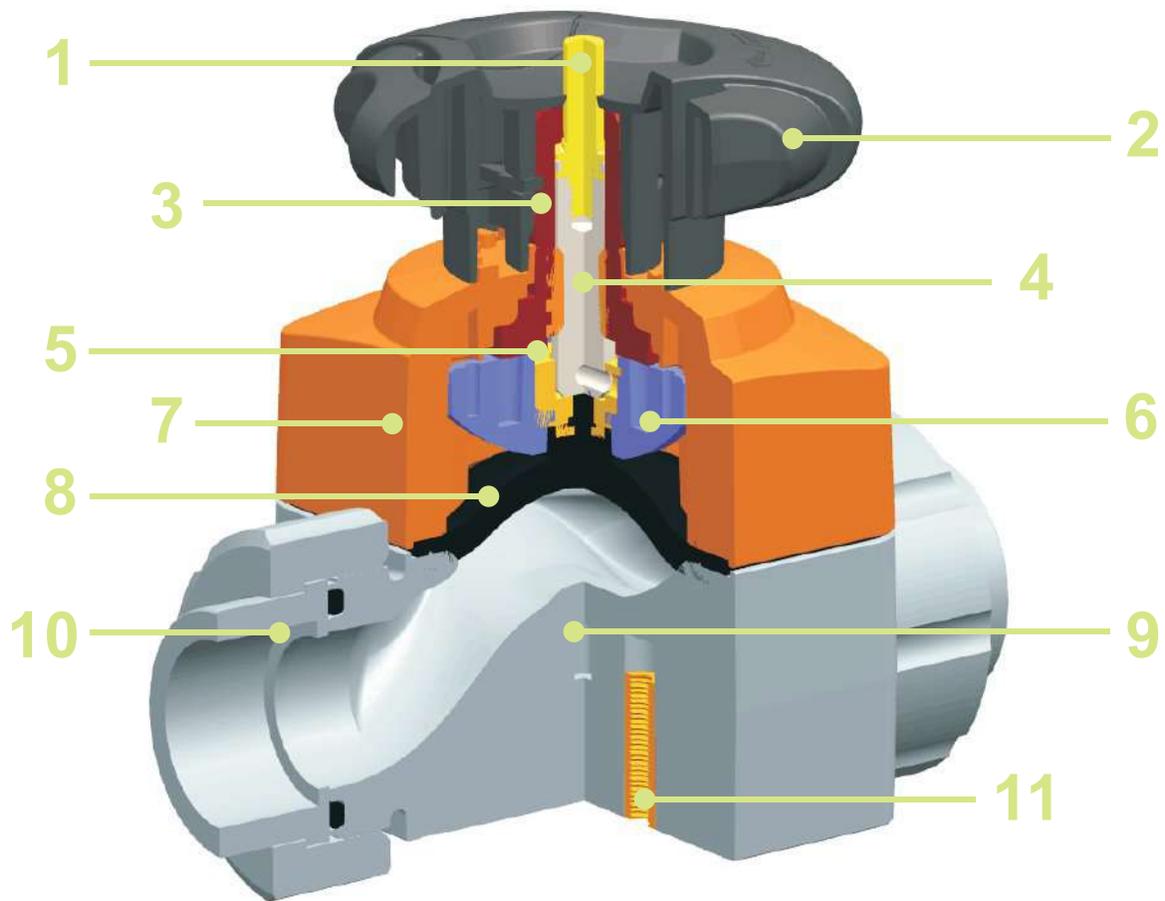
1 Lndicator:
   Bright and easy to see

2 Handwheel:
   Adjustable limit
   Including padlock function module

3 Lead screw nut:
   High strength
   Friction resistant

4 Screw rod:
   304F stainless steel
   High Precision
   Smooth operation

5 Coupling:
   Screw rod connecting contactless
   Independent suspension

6 Diaphragm compressor:
   High strength, Not easy to deform
   High temperature resistance

7 Seat cover:
   Closed design
   Suitable for rubber expansion

8 Diaphragm:
   Embedded fiber vulcanization
   Molded open state

9 Seat:
   Duckbill runner has large flow
   Smooth curved path

10 Connection:
   Different ways
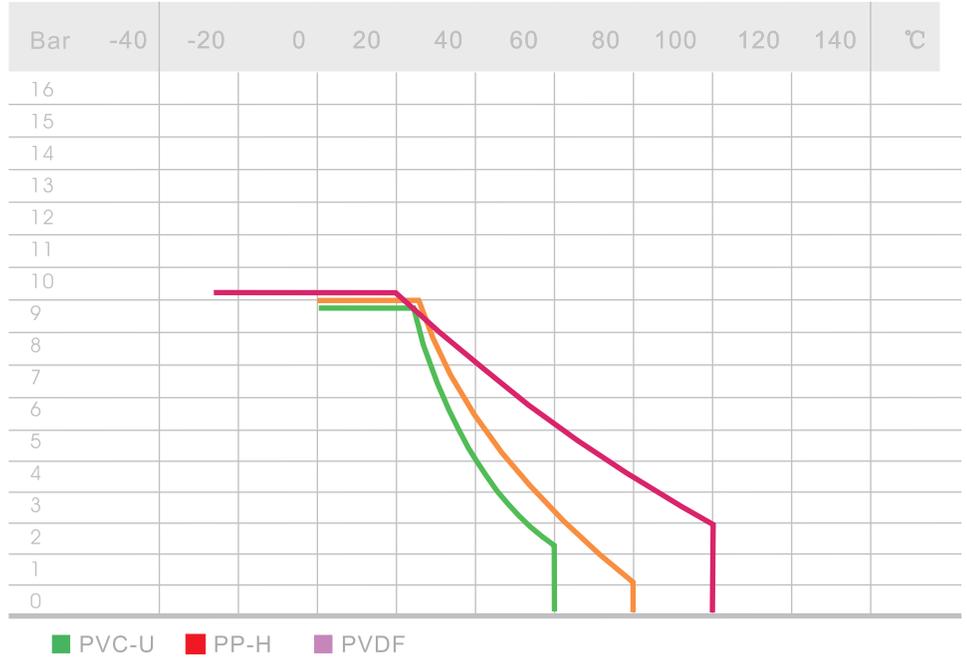   Consistent with international standards

11 Base:
   Mounting nut included

Technical characteristics

Pressure temperature curve

All data based on water for conside
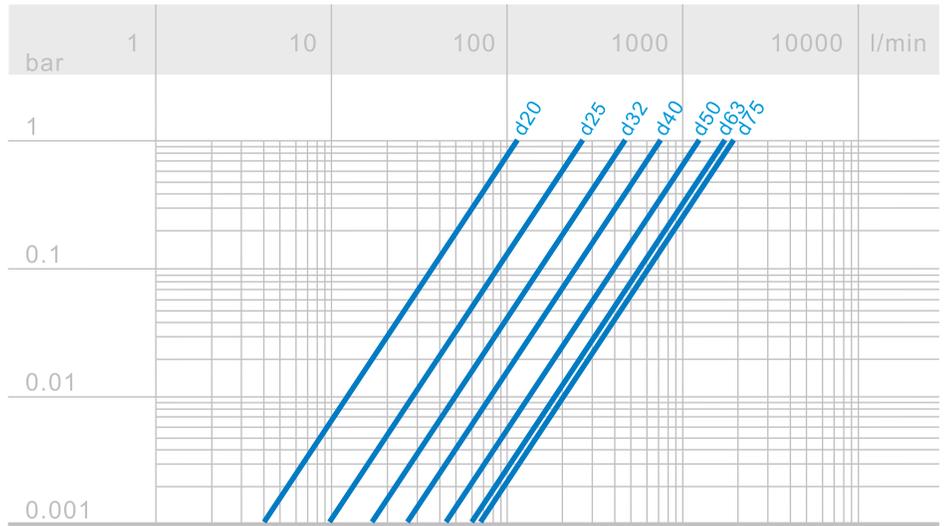-ring 25 years safe life time

Other liquids request to reduce the
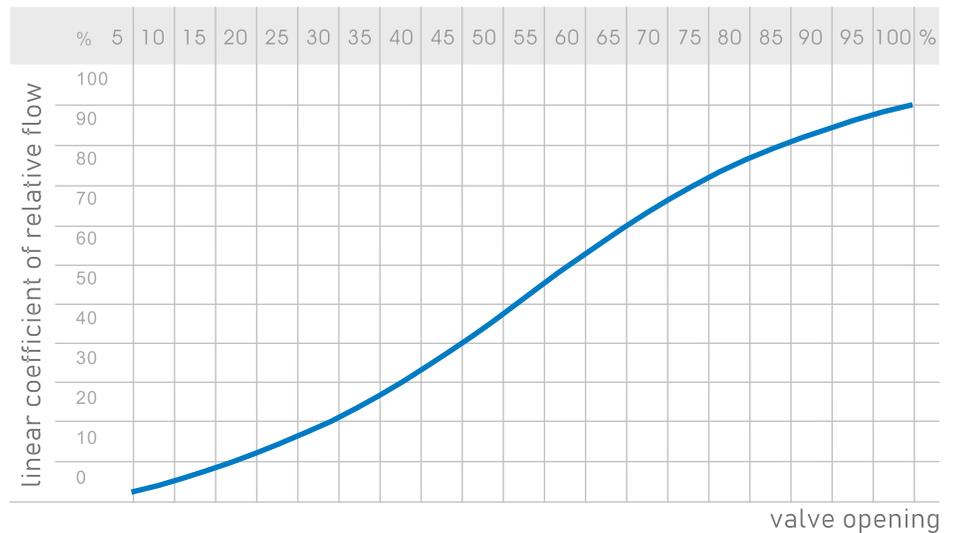temperature and pressure
accordingly

Bar	-40	-20	0	20	40	60	80	100	120	140	℃

16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

■ PVC-U ■ PP-H ■ PVDF

Flow capacity

All data are for 20℃ water with 1 bar
pressure difference

Cv = kv×0,07

Fv = kv×0,0585

Kv (l/min)

Cv (gal/min) US

Fv (gal/min) GB

bar	1	10	100	1000	10000	l/min

1

0.1

0.01

0.001

d20 d25 d32 d40 d50 d63 d75

Line chart for relative flow rate

The linear coefficient of relative
flow refers to the flow change as
a function of valve opening stroke

% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 %

linear coefficient of relative flow

100
90
80
70
60
50
40
30
20
10
0

valve opening

PVC-U Manual diaphragm valve
Union Socket-end
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.020.1020	301.040.1020	301.060.1020	0,3
25	20	10	301.020.1025	301.040.1025	301.060.1025	0,5
32	25	10	301.020.1032	301.040.1032	301.060.1032	1,0
40	32	10	301.020.1040	301.040.1040	301.060.1040	1,1
50	40	10	301.020.1050	301.040.1050	301.060.1050	2,3
63	50	10	301.020.1063	301.040.1063	301.060.1063	2,6
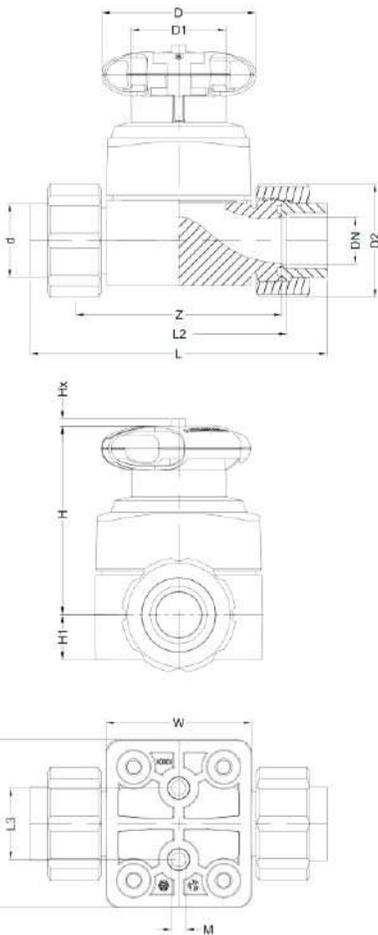
PVC-U Manual diaphragm valve
Union Socket-end
JIS

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.020.1220	301.040.1220	301.060.1220	0,3
25	20	10	301.020.1225	301.040.1225	301.060.1225	0,5
32	25	10	301.020.1232	301.040.1232	301.060.1232	1,0
40	32	10	301.020.1240	301.040.1240	301.060.1240	1,1
50	40	10	301.020.1250	301.040.1250	301.060.1250	2,3
63	50	10	301.020.1263	301.040.1263	301.060.1263	2,6

PVC-U Manual diaphragm valve
Union Socket-end
ANSI

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.020.1420	301.040.1420	301.060.1420	0,3
3/4	20	10	301.020.1425	301.040.1425	301.060.1425	0,5
1	25	10	301.020.1432	301.040.1432	301.060.1432	1,0
1-1/4	32	10	301.020.1440	301.040.1440	301.060.1440	1,1
1-1/2	40	10	301.020.1450	301.040.1450	301.060.1450	2,3
2	50	10	301.020.1463	301.040.1463	301.060.1463	2,6

Unit: mm

d	DN	G	D	D1	D2	H	H1	L	L2	L3	M	Z	W	W1	Lift = Hx
20	15	1	65	37	43	73	14	128	96	25	6	90	57	57	7
25	20	1-1/4	65	37	51	81	18	152	114	25	6	108	70	70	10
32	25	1-1/2	87	54	58	115	26	166	122	40	8	116	82	94	15
40	32	2	87	54	72	115	26	192	140	40	8	134	82	94	15
50	40	2-1/4	135	69	83	166	39	222	160	45	8	154	109	122	22
63	50	2-3/4	135	69	100	166	39	266	190	45	8	184	109	122	22

PVC-U Manual diaphragm valve
Flange
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.020.7020	301.040.7020	301.060.7020	0,8
25	20	10	301.020.7025	301.040.7025	301.060.7025	1,1
32	25	10	301.020.7032	301.040.7032	301.060.7032	1,8
40	32	10	301.020.7040	301.040.7040	301.060.7040	2,3
50	40	10	301.020.7050	301.040.7050	301.060.7050	3,7
63	50	10	301.020.7063	301.040.7063	301.060.7063	4,1
75	65	10	301.020.7075	301.040.7075	301.060.7075	5,4
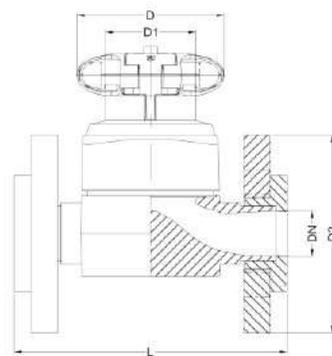
PVC-U Manual diaphragm valve
Flange
JIS

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.020.7220	301.040.7220	301.060.7220	0,8
25	20	10	301.020.7225	301.040.7225	301.060.7225	1,1
32	25	10	301.020.7232	301.040.7232	301.060.7232	1,8
40	32	10	301.020.7240	301.040.7240	301.060.7240	2,3
50	40	10	301.020.7250	301.040.7250	301.060.7250	3,7
63	50	10	301.020.7263	301.040.7263	301.060.7263	4,1
75	65	10	301.020.7275	301.040.7275	301.060.7275	5,4
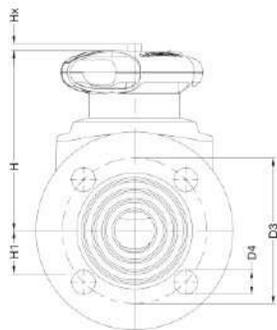
PVC-U Manual diaphragm valve
Flange
ANSI

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.020.7420	301.040.7420	301.060.7420	0,8
3/4	20	10	301.020.7425	301.040.7425	301.060.7425	1,1
1	25	10	301.020.7432	301.040.7432	301.060.7432	1,8
1-1/4	32	10	301.020.7440	301.040.7440	301.060.7440	2,3
1-1/2	40	10	301.020.7450	301.040.7450	301.060.7450	3,7
2	50	10	301.020.7463	301.040.7463	301.060.7463	4,1
2-1/2	65	10	301.020.7475	301.040.7475	301.060.7475	5,4

Unit: mm

d	DN	D	D1	D2	D3-DIN	D3-JIS	D3-ANSI	D4	H	H1	L	L3	M	W	W1	Lift = Hx
20	15	65	37	95	65	70	60,45	14`16	81	18	145	25	6	70	70	10
25	20	65	37	105	75	75	69,85	14`16	81	18	150	25	6	70	70	10
32	25	87	54	115	85	90	79.25	14`19	115	26	170	40	8	82	94	15
40	32	87	54	140	100	100	88,90	16`19	115	26	180	40	8	82	94	15
50	40	135	69	150	110	105	98,55	16`19	166	39	210	45	8	109	122	23
63	50	135	69	165	125	120	120,65	18`20	166	39	230	45	8	109	122	23
75	65	135	69	185	145	139	139,70	18`20	173	46	245	45	8	109	122	24

PVC-C Manual diaphragm valve
Union Socket-end
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.220.1020	301.240.1020	301.260.1020	0,3
25	20	10	301.220.1025	301.240.1025	301.260.1025	0,5
32	25	10	301.220.1032	301.240.1032	301.260.1032	1,0
40	32	10	301.220.1040	301.240.1040	301.260.1040	1,1
50	40	10	301.220.1050	301.240.1050	301.260.1050	2,3
63	50	10	301.220.1063	301.240.1063	301.260.1063	2,6
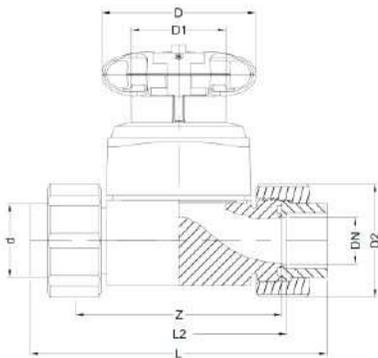
PVC-C Manual diaphragm valve
Union Socket-end
JIS

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.220.1220	301.240.1220	301.260.1220	0,3
25	20	10	301.220.1225	301.240.1225	301.260.1225	0,5
32	25	10	301.220.1232	301.240.1232	301.260.1232	1,0
40	32	10	301.220.1240	301.240.1240	301.260.1240	1,1
50	40	10	301.220.1250	301.240.1250	301.260.1250	2,3
63	50	10	301.220.1263	301.240.1263	301.260.1263	2,6
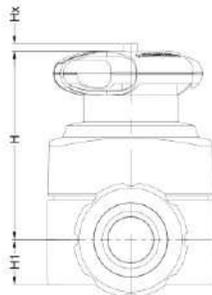
PVC-C Manual diaphragm valve
Union Socket-end
ANSI

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.220.1420	301.240.1420	301.260.1420	0,3
3/4	20	10	301.220.1425	301.240.1425	301.260.1425	0,5
1	25	10	301.220.1432	301.240.1432	301.260.1432	1,0
1-1/4	32	10	301.220.1440	301.240.1440	301.260.1440	1,1
1-1/2	40	10	301.220.1450	301.240.1450	301.260.1450	2,3
2	50	10	301.220.1463	301.240.1463	301.260.1463	2,6

Unit: mm

d	DN	G	D	D1	D2	H	H1	L	L2	L3	M	Z	W	W1	Lift = Hx
20	15	1	65	37	43	73	14	128	96	25	6	90	57	57	7
25	20	1-1/4	65	37	51	81	18	152	114	25	6	108	70	70	10
32	25	1-1/2	87	54	58	115	26	166	122	40	8	116	82	94	15
40	32	2	87	54	72	115	26	192	140	40	8	134	82	94	15
50	40	2-1/4	135	69	83	166	39	222	160	45	8	154	109	122	22
63	50	2-3/4	135	69	100	166	39	266	190	45	8	184	109	122	22

PVC-C Manual diaphragm valve
Flange
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.220.7020	301.240.7020	301.260.7020	0,8
25	20	10	301.220.7025	301.240.7025	301.260.7025	1,1
32	25	10	301.220.7032	301.240.7032	301.260.7032	1,8
40	32	10	301.220.7040	301.240.7040	301.260.7040	2,3
50	40	10	301.220.7050	301.240.7050	301.260.7050	3,7
63	50	10	301.220.7063	301.240.7063	301.260.7063	4,1
75	65	10	301.220.7075	301.240.7075	301.260.7075	5,4
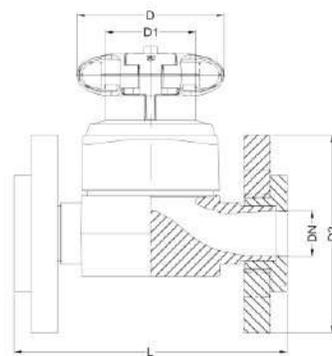
PVC-C Manual diaphragm valve
Flange
JIS

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.220.7220	301.240.7220	301.260.7220	0,8
25	20	10	301.220.7225	301.240.7225	301.260.7225	1,1
32	25	10	301.220.7232	301.240.7232	301.260.7232	1,8
40	32	10	301.220.7240	301.240.7240	301.260.7240	2,3
50	40	10	301.220.7250	301.240.7250	301.260.7250	3,7
63	50	10	301.220.7263	301.240.7263	301.260.7263	4,1
75	65	10	301.220.7275	301.240.7275	301.260.7275	5,4
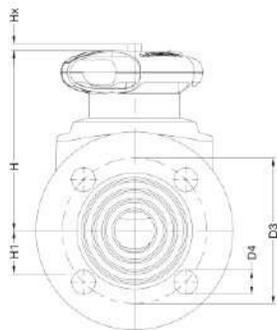
PVC-C Manual diaphragm valve
Flange
ANSI

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.220.7420	301.240.7420	301.260.7420	0,8
3/4	20	10	301.220.7425	301.240.7425	301.260.7425	1,1
1	25	10	301.220.7432	301.240.7432	301.260.7432	1,8
1-1/4	32	10	301.220.7440	301.240.7440	301.260.7440	2,3
1-1/2	40	10	301.220.7450	301.240.7450	301.260.7450	3,7
2	50	10	301.220.7463	301.240.7463	301.260.7463	4,1
2-1/2	65	10	301.220.7475	301.240.7075	301.260.7475	5,4

Unit: mm

d	DN	D	D1	D2	D3 -DIN	D3 -JIS	D3 -ANSI	D4	H	H1	L	L3	M	W	W1	Lift = Hx
20	15	65	37	95	65	70	60,45	14`16	81	18	145	25	6	70	70	10
25	20	65	37	105	75	75	69,85	14`16	81	18	150	25	6	70	70	10
32	25	87	54	115	85	90	79.25	14`19	115	26	170	40	8	82	94	15
40	32	87	54	140	100	100	88,90	16`19	115	26	180	40	8	82	94	15
50	40	135	69	150	110	105	98,55	16`19	166	39	210	45	8	109	122	23
63	50	135	69	165	125	120	120,65	18`20	166	39	230	45	8	109	122	23
75	65	135	69	185	145	139	139,70	18`20	173	46	245	45	8	109	122	24

PP-H Manual diaphragm valve
Union Socket-end
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.420.1020	301.440.1020	301.460.1020	0,3
25	20	10	301.420.1025	301.440.1025	301.460.1025	0,5
32	25	10	301.420.1032	301.440.1032	301.460.1032	0,9
40	32	10	301.420.1040	301.440.1040	301.460.1040	1,0
50	40	10	301.420.1050	301.440.1050	301.460.1050	2,0
63	50	10	301.420.1063	301.440.1063	301.460.1063	2,3

PP-H Manual diaphragm valve
Union Spigot Butt+IR
DIN
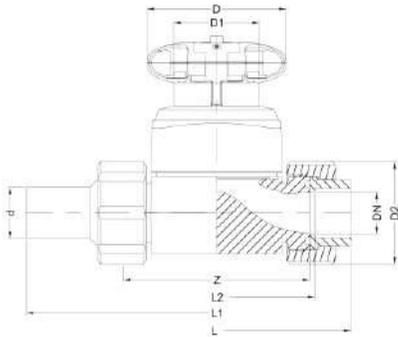
d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.420.3020	301.440.3020	301.460.3020	0,3
25	20	10	301.420.3025	301.440.3025	301.460.3025	0,5
32	25	10	301.420.3032	301.440.3032	301.460.3032	0,9
40	32	10	301.420.3040	301.440.3040	301.460.3040	1,0
50	40	10	301.420.3050	301.440.3050	301.460.3050	2,0
63	50	10	301.420.3063	301.440.3063	301.460.3063	2,3

PP-H Manual diaphragm valve , Oil-free
Union Spigot Butt+IR
DIN
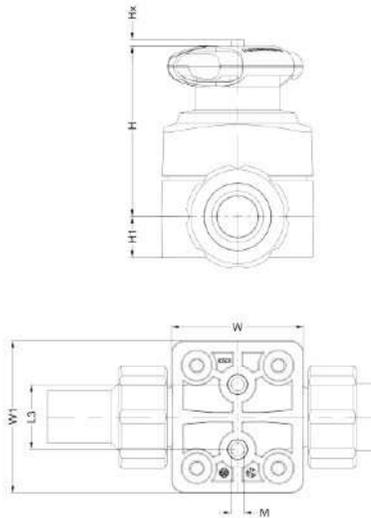
d (mm)	DN (mm)	PN (bar)	EPDM-PTFE	KG
20	15	10	301.460.3020.N	0,3
25	20	10	301.460.3025.N	0,5
32	25	10	301.460.3032.N	0,9
40	32	10	301.460.3040.N	1,0
50	40	10	301.460.3050.N	2,0
63	50	10	301.460.3063.N	2,3

Unit: mm

d	DN	G	D	D1	D2	H	H1	L	L2	L3	M	Z	W	W1	Lift = Hx
20	15	1	65	37	43	73	14	128	96	25	6	90	57	57	7
25	20	1-1/4	65	37	51	81	18	152	114	25	6	108	70	70	10
32	25	1-1/2	87	54	58	115	26	166	122	40	8	116	82	94	15
40	32	2	87	54	72	115	26	192	140	40	8	134	82	94	15
50	40	2-1/4	135	69	83	166	39	222	160	45	8	154	109	122	22
63	50	2-3/4	135	69	100	166	39	266	190	45	8	184	109	122	22

PP-H Manual diaphragm valve
Flange
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.420.7020	301.440.7020	301.460.7020	0,8
25	20	10	301.420.7025	301.440.7025	301.460.7025	1,0
32	25	10	301.420.7032	301.440.7032	301.460.7032	1,7
40	32	10	301.420.7040	301.440.7040	301.460.7040	2,2
50	40	10	301.420.7050	301.440.7050	301.460.7050	3,3
63	50	10	301.420.7063	301.440.7063	301.460.7063	3,6
75	65	10	301.420.7075	301.440.7075	301.460.7075	4,7
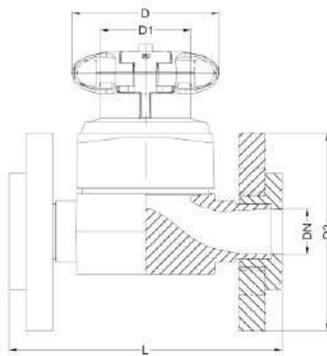
PP-H Manual diaphragm valve
Flange
JIS

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.420.7220	301.440.7220	301.460.7220	0,8
25	20	10	301.420.7225	301.440.7225	301.460.7225	1,0
32	25	10	301.420.7232	301.440.7232	301.460.7232	1,7
40	32	10	301.420.7240	301.440.7240	301.460.7240	2,2
50	40	10	301.420.7250	301.440.7250	301.460.7250	3,3
63	50	10	301.420.7263	301.440.7263	301.460.7263	3,6
75	65	10	301.420.7275	301.440.7275	301.460.7275	4,7
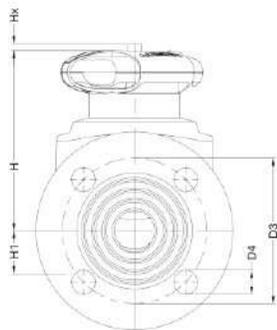
PP-H Manual diaphragm valve
Flange
ANSI

d (mm)	DN (mm)	PN (bar)	EPDM(per)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.420.7420	301.440.7420	301.460.7420	0,8
3/4	20	10	301.420.7425	301.440.7425	301.460.7425	1,0
1	25	10	301.420.7432	301.440.7432	301.460.7432	1,7
1-1/4	32	10	301.420.7440	301.440.7440	301.460.7440	2,2
1-1/2	40	10	301.420.7450	301.440.7450	301.460.7450	3,3
2	50	10	301.420.7463	301.440.7463	301.460.7463	3,6
2-1/2	65	10	301.420.7475	301.440.7475	301.460.7475	4,7

Unit: mm

d	DN	D	D1	D2	D3 -DIN	D3 -JIS	D3 -ANSI	D4	H	H1	L	L3	M	W	W1	Lift = Hx
20	15	65	37	95	65	70	60,45	14`16	81	18	145	25	6	70	70	10
25	20	65	37	105	75	75	69,85	14`16	81	18	150	25	6	70	70	10
32	25	87	54	115	85	90	79.25	14`19	115	26	170	40	8	82	94	15
40	32	87	54	140	100	100	88,90	16`19	115	26	180	40	8	82	94	15
50	40	135	69	150	110	105	98,55	16`19	166	39	210	45	8	109	122	23
63	50	135	69	165	125	120	120,65	18`20	166	39	230	45	8	109	122	23
75	65	135	69	185	145	139	139,70	18`20	173	46	245	45	8	109	122	24

PP-Natural Manual diaphragm valve
Union Socket-end
DIN

d (mm)	DN (mm)	PN (bar)	EPDM(per)	EPDM-PTFE	KG
20	15	10	301.520.1020	301.560.1020	0,3
25	20	10	301.520.1025	301.560.1025	0,5
32	25	10	301.520.1032	301.560.1032	0,9
40	32	10	301.520.1040	301.560.1040	1,0
50	40	10	301.520.1050	301.560.1050	2,0
63	50	10	301.520.1063	301.560.1063	2,3

PP-Natural Manual diaphragm valve
Union Spigot Butt+IR
DIN
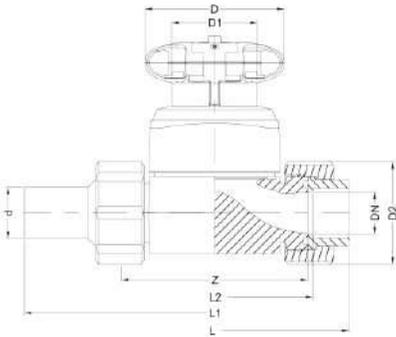
d (mm)	DN (mm)	PN (bar)	EPDM(per)	EPDM-PTFE	KG
20	15	10	301.520.3020	301.560.3020	0,3
25	20	10	301.520.3025	301.560.3025	0,5
32	25	10	301.520.3032	301.560.3032	0,9
40	32	10	301.520.3040	301.560.3040	1,0
50	40	10	301.520.3050	301.560.3050	2,0
63	50	10	301.520.3063	301.560.3063	2,3
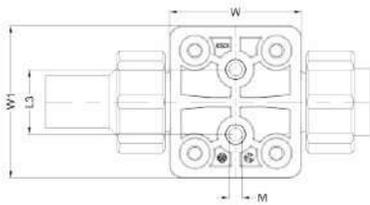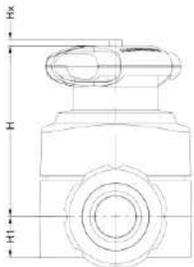
PP-Natural Manual diaphragm valve , Oil-free
Union Spigot Butt+IR
DIN

d (mm)	DN (mm)	PN (bar)	EPDM-PTFE	KG
20	15	10	301.560.3020.N	0,3
25	20	10	301.560.3025.N	0,5
32	25	10	301.560.3032.N	0,9
40	32	10	301.560.3040.N	1,0
50	40	10	301.560.3050.N	2,0
63	50	10	301.560.3063.N	2,3

Unit: mm

d	DN	G	D	D1	D2	H	H1	L	L2	L3	M	Z	W	W1	Lift = Hx
20	15	1	65	37	43	73	14	128	96	25	6	90	57	57	7
25	20	1-1/4	65	37	51	81	18	152	114	25	6	108	70	70	10
32	25	1-1/2	87	54	58	115	26	166	122	40	8	116	82	94	15
40	32	2	87	54	72	115	26	192	140	40	8	134	82	94	15
50	40	2-1/4	135	69	83	166	39	222	160	45	8	154	109	122	22
63	50	2-3/4	135	69	100	166	39	266	190	45	8	184	109	122	22

PVDF Manual diaphragm valve
Union Socket-end
DIN

d (mm)	DN (mm)	PN (bar)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.640.1020	301.660.1020	0,4
25	20	10	301.640.1025	301.660.1025	0,6
32	25	10	301.640.1032	301.660.1032	1,2
40	32	10	301.640.1040	301.660.1040	1,4
50	40	10	301.640.1050	301.660.1050	2,7
63	50	10	301.640.1063	301.660.1063	3,0

PVDF Manual diaphragm valve
Union Spigot Butt+IR
DIN
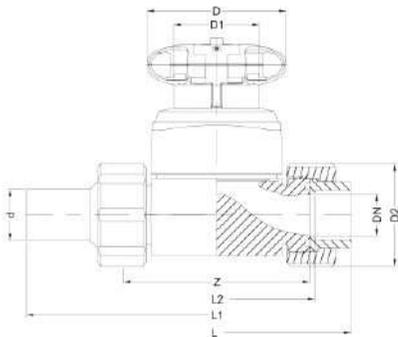
d (mm)	DN (mm)	PN (bar)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.640.3020	301.660.3020	0,4
25	20	10	301.640.3025	301.660.3025	0,6
32	25	10	301.640.3032	301.660.3032	1,2
40	32	10	301.640.3040	301.660.3040	1,4
50	40	10	301.640.3050	301.660.3050	2,7
63	50	10	301.640.3063	301.660.3063	3,0
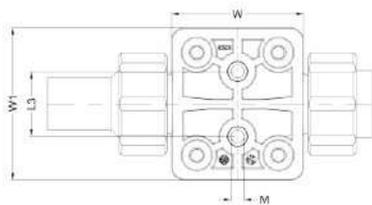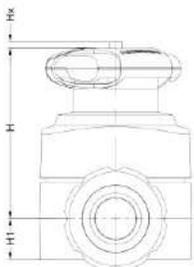
PVDF Manual diaphragm valve , Oil-free
Union Spigot Butt+IR
DIN

d (mm)	DN (mm)	PN (bar)	EPDM-PTFE	KG
20	15	10	301.660.3020.N	0,4
25	20	10	301.660.3025.N	0,6
32	25	10	301.660.3032.N	1,2
40	32	10	301.660.3040.N	1,4
50	40	10	301.660.3050.N	2,7
63	50	10	301.660.3063.N	3,0

Unit: mm

d	DN	G	D	D1	D2	H	H1	L	L2	L3	M	Z	W	W1	Lift = Hx
20	15	1	65	37	43	73	14	128	96	25	6	90	57	57	7
25	20	1-1/4	65	37	51	81	18	152	114	25	6	108	70	70	10
32	25	1-1/2	87	54	58	115	26	166	122	40	8	116	82	94	15
40	32	2	87	54	72	115	26	192	140	40	8	134	82	94	15
50	40	2-1/4	135	69	83	166	39	222	160	45	8	154	109	122	22
63	50	2-3/4	135	69	100	166	39	266	190	45	8	184	109	122	22

PVDF Manual diaphragm valve
Flange
DIN

d (mm)	DN (mm)	PN (bar)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.640.7020	301.660.7020	0,8
25	20	10	301.640.7025	301.660.7025	1,2
32	25	10	301.640.7032	301.660.7032	1,9
40	32	10	301.640.7040	301.660.7040	2,5
50	40	10	301.640.7050	301.660.7050	3,9
63	50	10	301.640.7063	301.660.7063	4,4
75	65	10	301.640.7075	301.660.7075	5,7
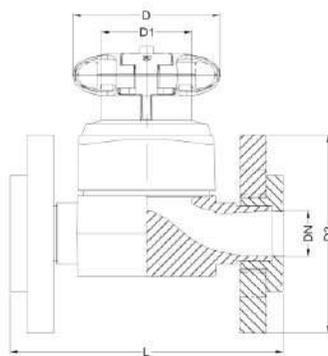
PVDF Manual diaphragm valve
Flange
JIS

d (mm)	DN (mm)	PN (bar)	FPM(70)	EPDM-PTFE	KG
20	15	10	301.640.7220	301.660.7220	0,8
25	20	10	301.640.7225	301.660.7225	1,2
32	25	10	301.640.7232	301.660.7232	1,9
40	32	10	301.640.7240	301.660.7240	2,5
50	40	10	301.640.7250	301.660.7250	3,9
63	50	10	301.640.7263	301.660.7263	4,4
75	65	10	301.640.7275	301.660.7275	5,7
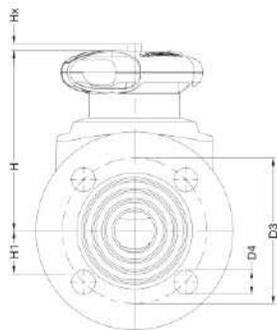
PVDF Manual diaphragm valve
Flange
ANSI

d (mm)	DN (mm)	PN (bar)	FPM(70)	EPDM-PTFE	KG
1/2	15	10	301.640.7420	301.660.7420	0,8
3/4	20	10	301.640.7425	301.660.7425	1,2
1	25	10	301.640.7432	301.660.7432	1,9
1-1/4	32	10	301.640.7440	301.660.7440	2,5
1-1/2	40	10	301.640.7450	301.660.7450	3,9
2	50	10	301.640.7463	301.660.7463	4,4
2-1/2	65	10	301.640.7475	301.660.7475	5,7

Unit: mm

d	DN	D	D1	D2	D3-DIN	D3-JIS	D3-ANSI	D4	H	H1	L	L3	M	W	W1	Lift = Hx
20	15	65	37	95	65	70	60,45	14`16	81	18	145	25	6	70	70	10
25	20	65	37	105	75	75	69,85	14`16	81	18	150	25	6	70	70	10
32	25	87	54	115	85	90	79.25	14`19	115	26	170	40	8	82	94	15
40	32	87	54	140	100	100	88,90	16`19	115	26	180	40	8	82	94	15
50	40	135	69	150	110	105	98,55	16`19	166	39	210	45	8	109	122	23
63	50	135	69	165	125	120	120,65	18`20	166	39	230	45	8	109	122	23
75	65	135	69	185	145	139	139,70	18`20	173	46	245	45	8	109	122	24