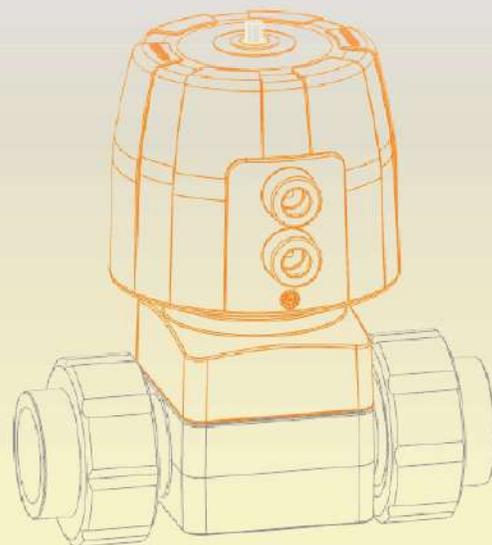


MV 302

Pneumatic diaphragm valve



MV302 is a type of compact and economic pneumatic diaphragm valve. The design of duckbill curved flow path ensures the best flow capacity, and the diaphragm linkage mechanism is more optimized. With the smaller size and 6bar pressure rating, this type of the valve is suitable for low-cost applications by most equipment suppliers.

Easy installation and maintenance

- * Easy to install with more snaps and threaded structures
- * All-plastic appearance is beautiful and corrosion resistant
- * Intake optimization design, small vibration
- * Same sizes and installation length as international brands products
- * Integrated visual position feedback and easy to observe
- * Super lubricating property, maintenance-free
- * The direction of air inlet is optional every 90° which is convenient for installation in tight space

High safety performance

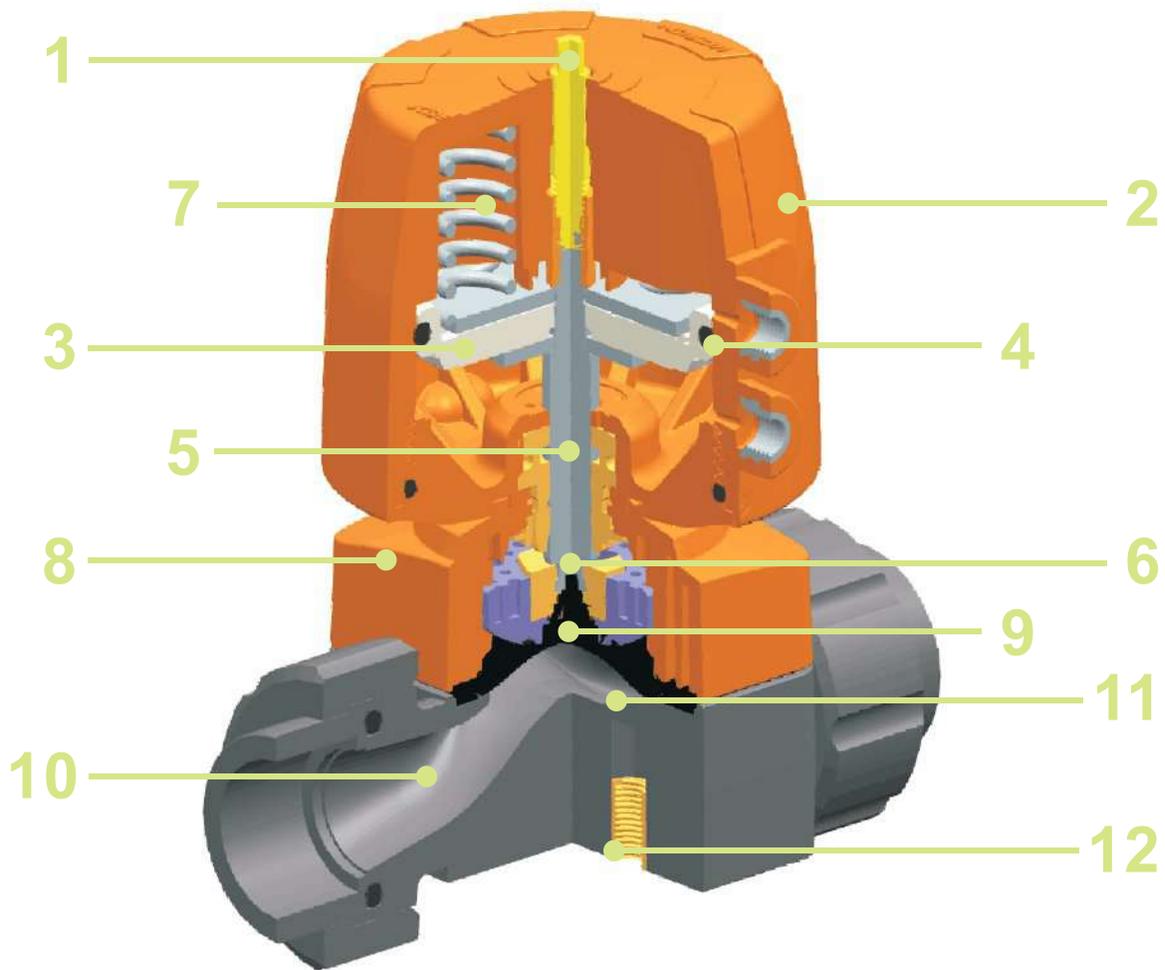
- * Diaphragm connection of the suspension structure to fully protect the diaphragm
- * Over pressure margin design of valve body and pneumatic actuator to ensure safety application
- * The curved channel can ensure the effective closing of the valve in the application of high flow rate

High Flexibility

- * True union connection, Socket-end and Spigot Butt+IR
- * 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, PP-Natural 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 Bright-colored position indicator for easy viewing

2 Independent pneumatic actuator and compact design is suitable for corrosive applications

3 High-strength glass fiber plastic piston, combined with stainless steel support plate to ensure no deformation

4 Piston seal has self-lubricating function, With the cylinder wall at zero, Superior air tightness

5 High strength stainless steel stem with unique material characters

6 The coupling mechanism is independent suspension, the valve rod has no load on the diaphragm, and the structure is superior

7 The actuator is equipped with 3-6 independent springs anti-corrosion treated which make the piston load more uniform

8 The unique inner cavity of the valve seat cover ensures the perfect compression of the diaphragm without lateral expansion

9 Molded diaphragms with embedded vulcanized fiber layer reinforcement have a longer service life

10 Duckbill runners increase flow coefficient and reduce pressure loss. Flow efficiency significantly improved

11 The smooth curve improves the linear curve and ensures the precise adjustment in the whole opening and closing stroke

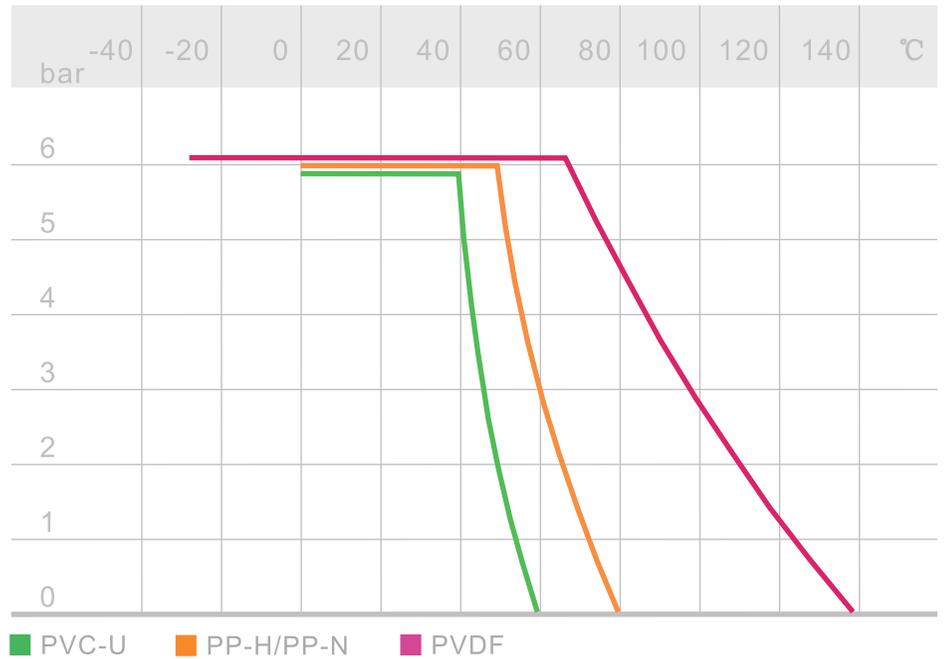
12 The base has standard mounting bolts for independent fixing and support

+ Technical characteristics

Pressure temperature curve

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

Other liquids request to reduce the temperature and pressure accordingly



Flow capacity

All data are for 20°C water with 1 bar pressure difference

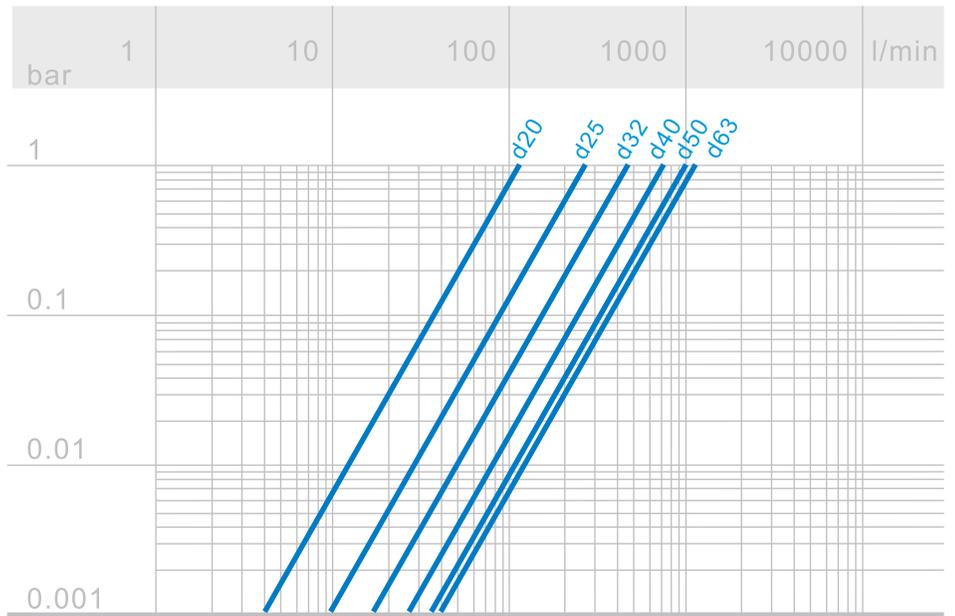
$$C_v = k_v \times 0,07$$

$$F_v = k_v \times 0,0585$$

$$K_v \text{ (l/min)}$$

$$C_v \text{ (gal/min) US}$$

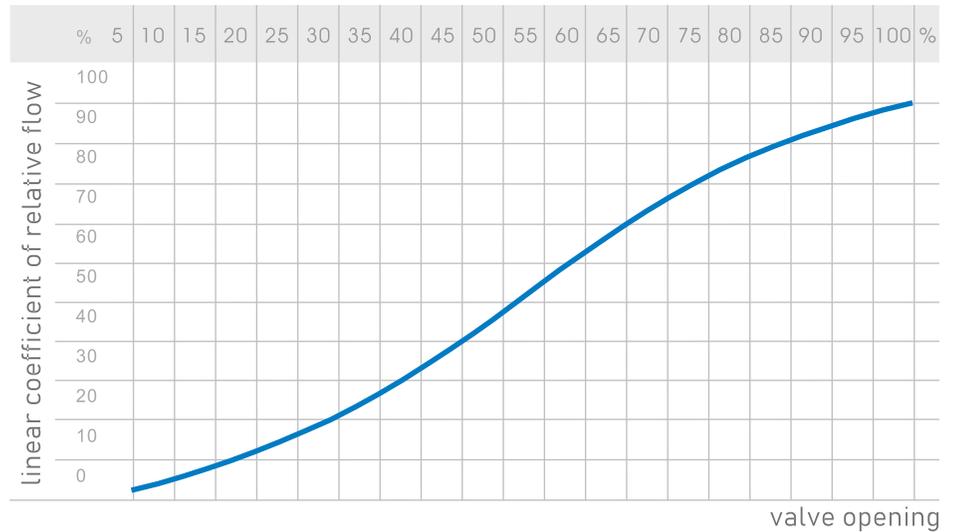
$$F_v \text{ (gal/min) GB}$$



d	20	25	32	40	50	63
Kv100 (l/min)	125	266	527	743	1058	1172

Line chart for relative flow rate

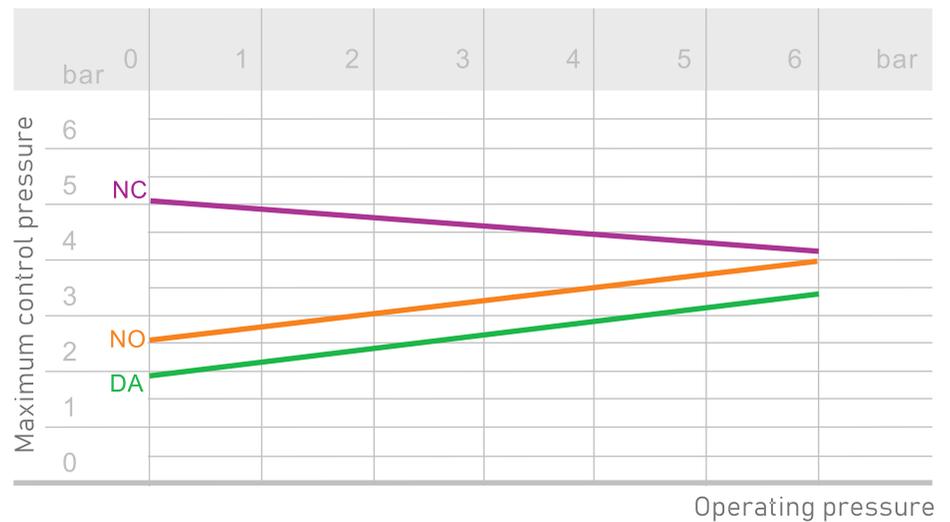
The linear coefficient of relative flow refers to the flow change as a function of valve opening stroke



Operating pressure control pressure

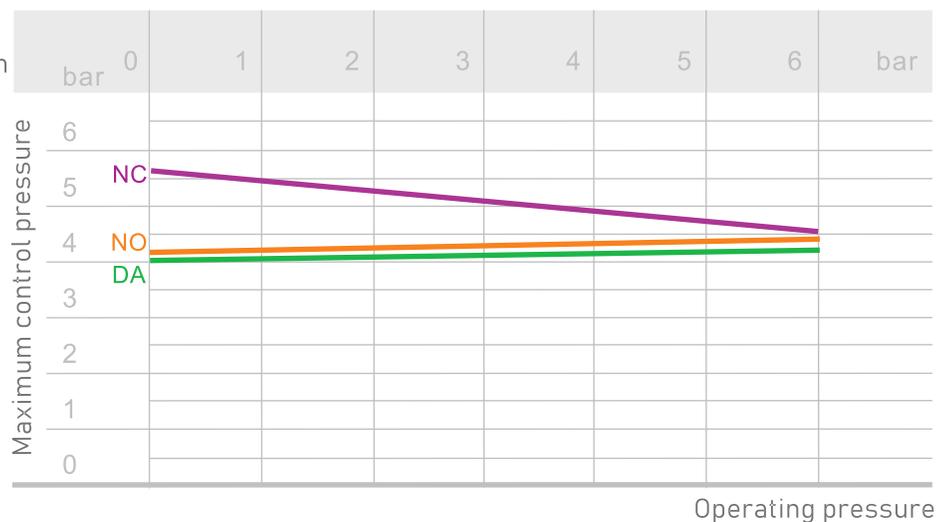
The maximum control pressure requested for EPDM and FPM diaphragm

The actual drive data for different dimensions please refer to the operation manual



The maximum control pressure requested for EPDM-PTFE diaphragm

The actual drive data for different dimensions please refer to the operation manual



Actuator functional characteristics

Control function	DA	NC	SR
	DA	NC	NO
valves open	Air	Air	Spring
valve closed	Air	Spring	Air

Gas consumption for actuators

Under the required drive pressure, the compressed air required to fully open or close the valves

d	Dm ³					
	20	25	32	40	50	63
NC	0,12	0,12	0,12	0,24	0,24	0,24
NO	0,20	0,20	0,20	0,44	0,44	0,44
DA	Open	0,12	0,12	0,12	0,24	0,24
	Closed	0,20	0,20	0,20	0,44	0,44

Connection of the drive air supply

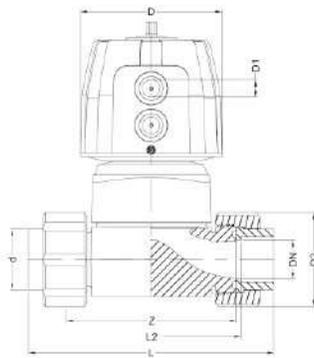
Control function	DA	NC	NO
valves open	B	B	-
valve closed	A	-	A





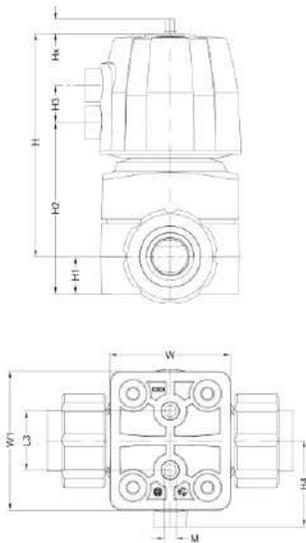
Control function NC
PVC-U , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.022.1020	302.042.1020	302.062.1020	0,8
25	20	6	302.022.1025	302.042.1025	302.062.1025	1,0
32	25	6	302.022.1032	302.042.1032	302.062.1032	1,5
40	32	6	302.022.1040	302.042.1040	302.062.1040	2,3
50	40	6	302.022.1050	302.042.1050		3,6
63	50	6	302.022.1063	302.042.1063		3,9



Control function NC
PVC-U , Union Socket-end
JIS

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.022.1220	302.042.1220	302.062.1220	0,8
25	20	6	302.022.1225	302.042.1225	302.062.1225	1,0
32	25	6	302.022.1232	302.042.1232	302.062.1232	1,5
40	32	6	302.022.1240	302.042.1240	302.062.1240	2,3
50	40	6	302.022.1250	302.042.1250		3,6
63	50	6	302.022.1263	302.042.1263		3,9



Control function NC
PVC-U , Union Socket-end
ANSI

<i>d</i> (Inch)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
1/2	15	6	302.022.1420	302.042.1420	302.062.1420	0,8
3/4	20	6	302.022.1425	302.042.1425	302.062.1425	1,0
1	25	6	302.022.1432	302.042.1432	302.062.1432	1,5
1-1/4	32	6	302.022.1440	302.042.1440	302.062.1440	2,3
1-1/2	40	6	302.022.1450	302.042.1450		3,6
2	50	6	302.022.1463	302.042.1463		3,9

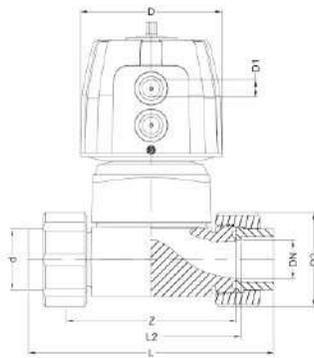
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	45	8	184	109	122	16



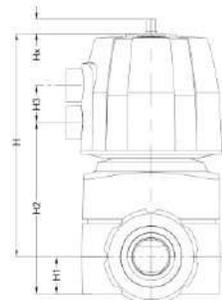
Control function NO
PVC-U , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.024.1020	302.044.1020	302.064.1020	0,8
25	20	6	302.024.1025	302.044.1025	302.064.1025	1,0
32	25	6	302.024.1032	302.044.1032	302.064.1032	1,5
40	32	6	302.024.1040	302.044.1040	302.064.1040	2,2
50	40	6	302.024.1050	302.044.1050		3,3
63	50	6	302.024.1063	302.044.1063		3,7



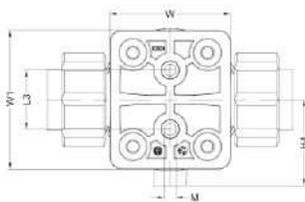
Control function NO
PVC-U , Union Socket-end
JIS

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.024.1220	302.044.1220	302.064.1220	0,8
25	20	6	302.024.1225	302.044.1225	302.064.1225	1,0
32	25	6	302.024.1232	302.044.1232	302.064.1232	1,5
40	32	6	302.024.1240	302.044.1240	302.064.1240	2,2
50	40	6	302.024.1250	302.044.1250		3,3
63	50	6	302.024.1263	302.044.1263		3,7



Control function NO
PVC-U , Union Socket-end
ANSI

<i>d</i> (Inch)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
1/2	15	6	302.024.1420	302.044.1420	302.064.1420	0,8
3/4	20	6	302.024.1425	302.044.1425	302.064.1425	1,0
1	25	6	302.024.1432	302.044.1432	302.064.1432	1,5
1-1/4	32	6	302.024.1440	302.044.1440	302.064.1440	2,2
1-1/2	40	6	302.024.1450	302.044.1450		3,3
2	50	6	302.024.1463	302.044.1463		3,7



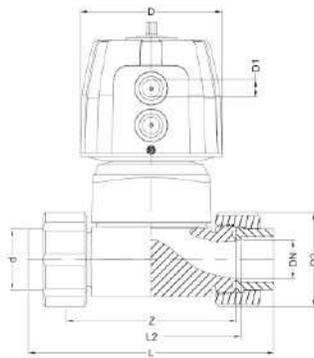
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	45	8	184	109	122	16



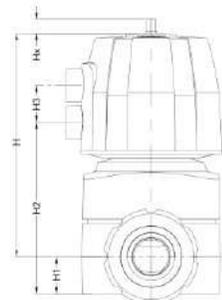
Control function DA
PVC-U , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.026.1020	302.046.1020	302.066.1020	0,7
25	20	6	302.026.1025	302.046.1025	302.066.1025	0,9
32	25	6	302.026.1032	302.046.1032	302.066.1032	1,4
40	32	6	302.026.1040	302.046.1040	302.066.1040	2,0
50	40	6	302.026.1050	302.046.1050		3,2
63	50	6	302.026.1063	302.046.1063		3,5



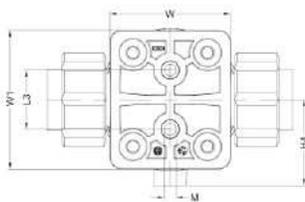
Control function DA
PVC-U , Union Socket-end
JIS

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.026.1220	302.046.1220	302.066.1220	0,7
25	20	6	302.026.1225	302.046.1225	302.066.1225	0,9
32	25	6	302.026.1232	302.046.1232	302.066.1232	1,4
40	32	6	302.026.1240	302.046.1240	302.066.1240	2,0
50	40	6	302.026.1250	302.046.1250		3,2
63	50	6	302.026.1263	302.046.1263		3,5



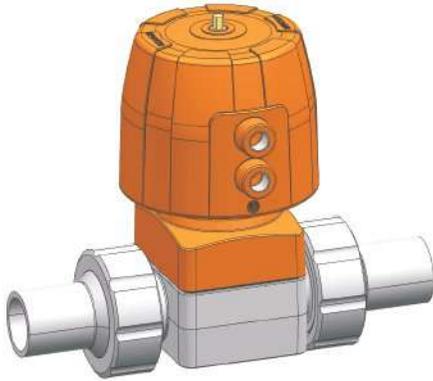
Control function DA
PVC-U , Union Socket-end
ANSI

<i>d</i> (Inch)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
1/2	15	6	302.026.1420	302.046.1420	302.066.1420	0,7
3/4	20	6	302.026.1425	302.046.1425	302.066.1425	0,9
1	25	6	302.026.1432	302.046.1432	302.066.1432	1,4
1-1/4	32	6	302.026.1440	302.046.1440	302.066.1440	2,0
1-1/2	40	6	302.026.1450	302.046.1450		3,2
2	50	6	302.026.1463	302.046.1463		3,5



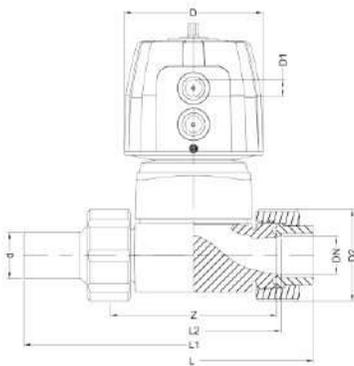
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	45	8	184	109	122	16



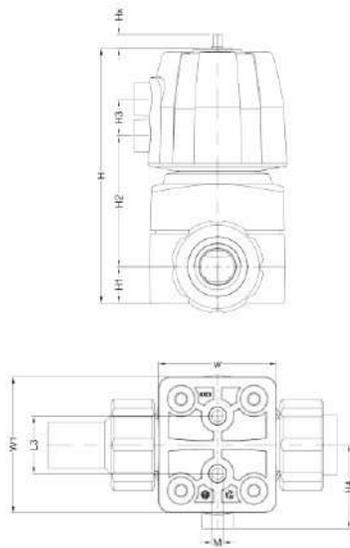
Control function NC
PP-H , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.422.1020	302.442.1020	302.462.1020	0,8
25	20	6	302.422.1025	302.442.1025	302.462.1025	1,0
32	25	6	302.422.1032	302.442.1032	302.462.1032	1,4
40	32	6	302.422.1040	302.442.1040	302.462.1040	2,2
50	40	6	302.422.1050	302.442.1050		3,3
63	50	6	302.422.1063	302.442.1063		3,6



Control function NC
PP-H , Union Spigot Butt+IR
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.422.3020	302.442.3020	302.462.3020	0,8
25	20	6	302.422.3025	302.442.3025	302.462.3025	1,0
32	25	6	302.422.3032	302.442.3032	302.462.3032	1,4
40	32	6	302.422.3040	302.442.3040	302.462.3040	2,2
50	40	6	302.422.3050	302.442.3050		3,3
63	50	6	302.422.3063	302.442.3063		3,6

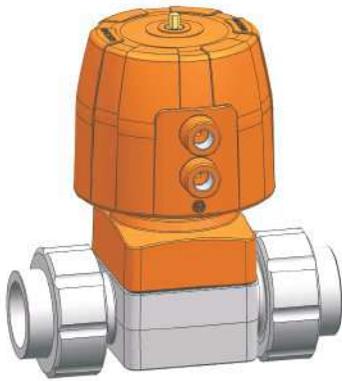


Control function NC
PP-H , Union Spigot Butt+IR , Oil-free
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.462.3020.N	0,8
25	20	6	302.462.3025.N	1,0
32	25	6	302.462.3032.N	1,4
40	32	6	302.462.3040.N	2,2
50	40	6		
63	50	6		

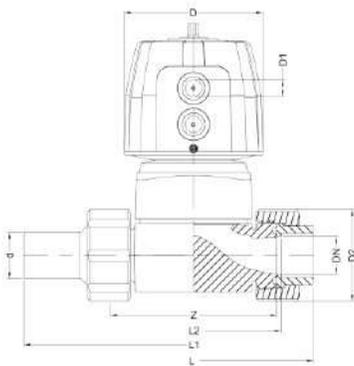
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



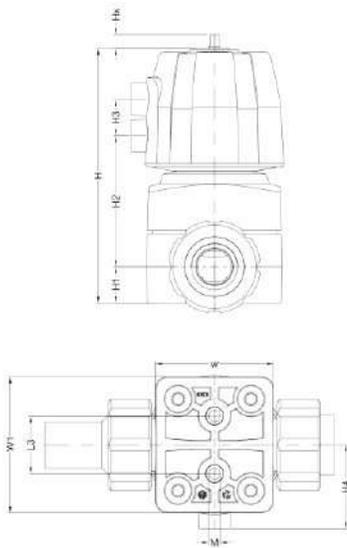
Control function NO
PP-H , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.424.1020	302.444.1020	302.464.1020	0,8
25	20	6	302.424.1025	302.444.1025	302.464.1025	0,9
32	25	6	302.424.1032	302.444.1032	302.464.1032	1,4
40	32	6	302.424.1040	302.444.1040	302.464.1040	2,1
50	40	6	302.424.1050	302.444.1050		3,0
63	50	6	302.424.1063	302.444.1063		3,3



Control function NO
PP-H , Union Spigot Butt+IR
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.424.3020	302.444.3020	302.464.3020	0,8
25	20	6	302.424.3025	302.444.3025	302.464.3025	0,9
32	25	6	302.424.3032	302.444.3032	302.464.3032	1,4
40	32	6	302.424.3040	302.444.3040	302.464.3040	2,1
50	40	6	302.424.3050	302.444.3050		3,0
63	50	6	302.424.3063	302.444.3063		3,3

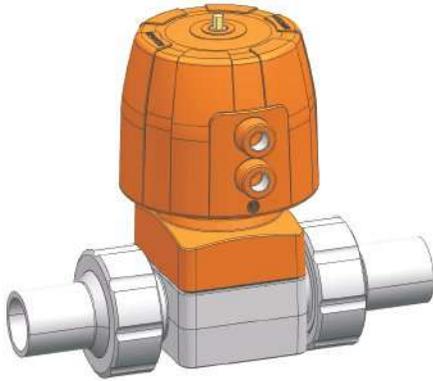


Control function NO
PP-H , Union Spigot Butt+IR , Oil-free
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.464.3020.N	0,8
25	20	6	302.464.3025.N	0,9
32	25	6	302.464.3032.N	1,4
40	32	6	302.464.3040.N	2,1
50	40	6		
63	50	6		

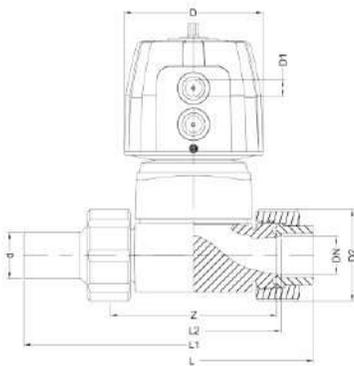
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



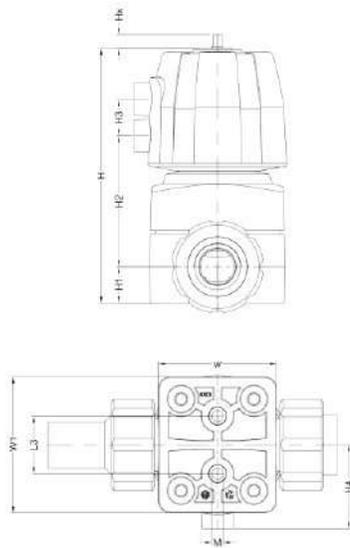
Control function DA
PP-H , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.426.1020	302.446.1020	302.466.1020	0,7
25	20	6	302.426.1025	302.446.1025	302.466.1025	0,9
32	25	6	302.426.1032	302.446.1032	302.466.1032	1,3
40	32	6	302.426.1040	302.446.1040	302.466.1040	1,9
50	40	6	302.426.1050	302.446.1050		2,9
63	50	6	302.426.1063	302.446.1063		3,2



Control function DA
PP-H , Union Spigot Butt+IR
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.426.3020	302.446.3020	302.466.3020	0,7
25	20	6	302.426.3025	302.446.3025	302.466.3025	0,9
32	25	6	302.426.3032	302.446.3032	302.466.3032	1,3
40	32	6	302.426.3040	302.446.3040	302.466.3040	1,9
50	40	6	302.426.3050	302.446.3050		2,9
63	50	6	302.426.3063	302.446.3063		3,2

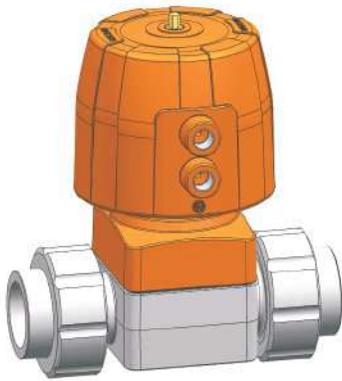


Control function DA
PP-H , Union Spigot Butt+IR , Oil-free
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.466.3020.N	0,7
25	20	6	302.466.3025.N	0,9
32	25	6	302.466.3032.N	1,3
40	32	6	302.466.3040.N	1,9
50	40	6		
63	50	6		

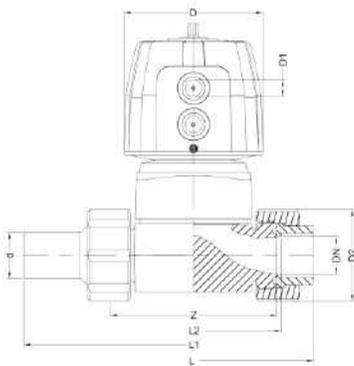
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



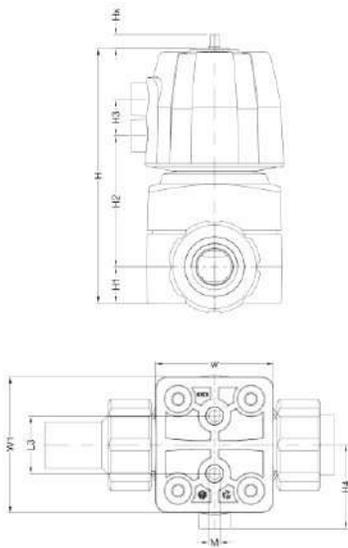
Control function NC
PP-N , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.522.1020	302.542.1020	302.562.1020	0,8
25	20	6	302.522.1025	302.542.1025	302.562.1025	1,0
32	25	6	302.522.1032	302.542.1032	302.562.1032	1,4
40	32	6	302.522.1040	302.542.1040	302.562.1040	2,2
50	40	6	302.522.1050	302.542.1050		3,3
63	50	6	302.522.1063	302.542.1063		3,6



Control function NC
PP-N , Union Spigot Butt+IR
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM(per)</i>	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.522.3020	302.542.3020	302.562.3020	0,8
25	20	6	302.522.3025	302.542.3025	302.562.3025	1,0
32	25	6	302.522.3032	302.542.3032	302.562.3032	1,4
40	32	6	302.522.3040	302.542.3040	302.562.3040	2,2
50	40	6	302.522.3050	302.542.3050		3,3
63	50	6	302.522.3063	302.542.3063		3,6

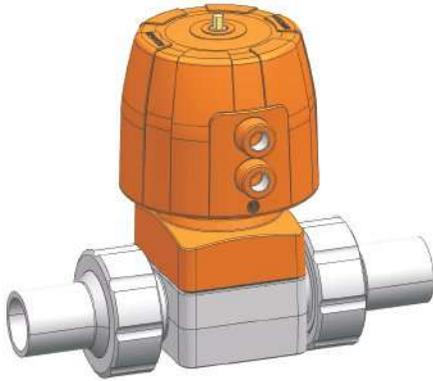


Control function NC
PP-N , Union Spigot Butt+IR , Oil-free
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.562.3020.N	0,8
25	20	6	302.562.3025.N	1,0
32	25	6	302.562.3032.N	1,4
40	32	6	302.562.3040.N	2,2
50	40	6		
63	50	6		

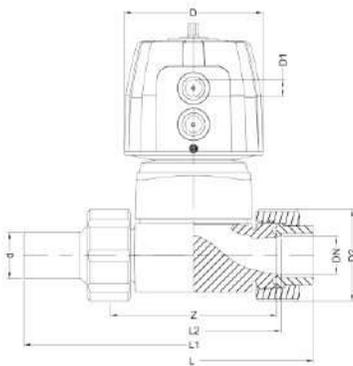
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



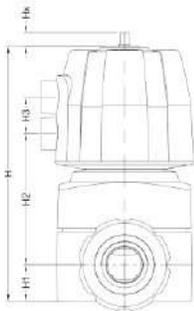
Control function NC
PVDF , Union Socket-end
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.642.1020	302.662.1020	0,9
25	20	6	302.642.1025	302.662.1025	1,1
32	25	6	302.642.1032	302.662.1032	1,7
40	32	6	302.642.1040	302.662.1040	2,5
50	40	6	302.642.1050		3,9
63	50	6	302.642.1063		4,3



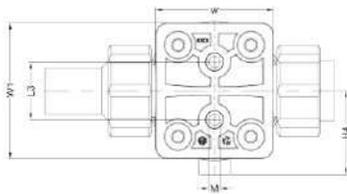
Control function NC
PVDF , Union Spigot Butt+IR
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.642.3020	302.662.3020	0,9
25	20	6	302.642.3025	302.662.3025	1,1
32	25	6	302.642.3032	302.662.3032	1,7
40	32	6	302.642.3040	302.662.3040	2,5
50	40	6	302.642.3050		3,9
63	50	6	302.642.3063		4,3



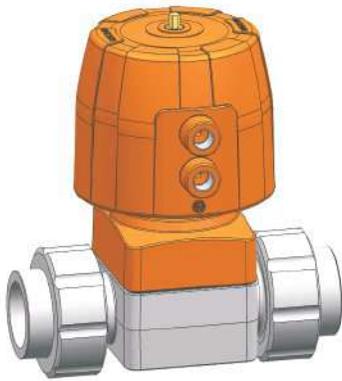
Control function NC
PVDF , Union Spigot Butt+IR , Oil-free
DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.662.3020.N	0,9
25	20	6	302.662.3025.N	1,1
32	25	6	302.662.3032.N	1,7
40	32	6	302.662.3040.N	2,5
50	40	6		
63	50	6		



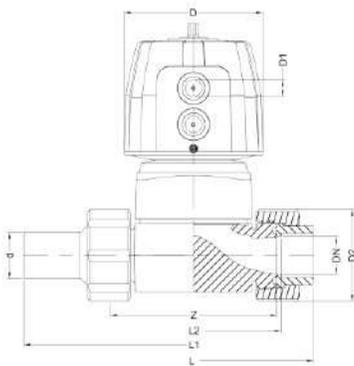
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



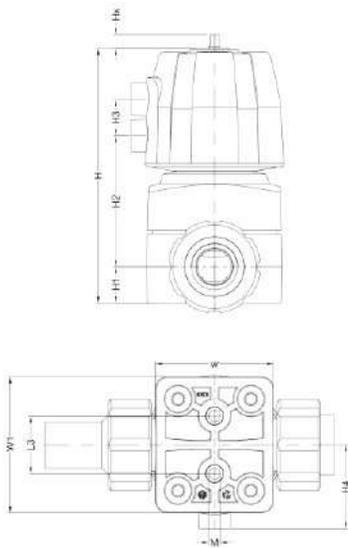
Control function NO
 PVDF , Union Socket-end
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.644.1020	302.664.1020	0,9
25	20	6	302.644.1025	302.664.1025	1,1
32	25	6	302.644.1032	302.664.1032	1,6
40	32	6	302.644.1040	302.664.1040	2,4
50	40	6	302.644.1050		3,7
63	50	6	302.644.1063		4,1



Control function NO
 PVDF , Union Spigot Butt+IR
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.644.3020	302.664.3020	0,9
25	20	6	302.644.3025	302.664.3025	1,1
32	25	6	302.644.3032	302.664.3032	1,6
40	32	6	302.644.3040	302.664.3040	2,4
50	40	6	302.644.3050		3,7
63	50	6	302.644.3063		4,1

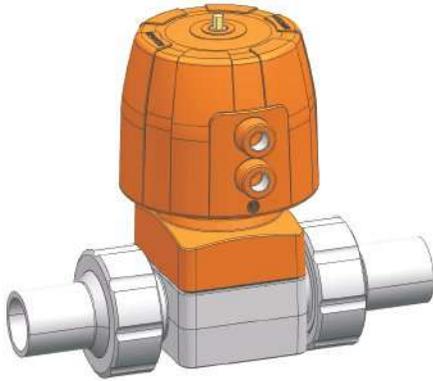


Control function NO
 PVDF , Union Spigot Butt+IR , Oil-free
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.664.3020.N	0,9
25	20	6	302.664.3025.N	1,1
32	25	6	302.664.3032.N	1,6
40	32	6	302.664.3040.N	2,4
50	40	6		
63	50	6		

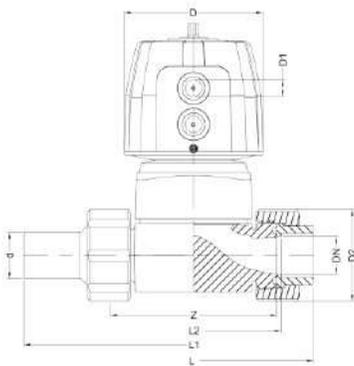
Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16



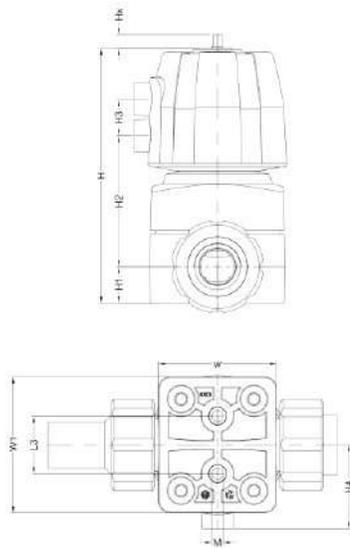
Control function DA
 PVDF , Union Socket-end
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.646.1020	302.666.1020	0,8
25	20	6	302.646.1025	302.666.1025	1,0
32	25	6	302.646.1032	302.666.1032	1,6
40	32	6	302.646.1040	302.666.1040	2,3
50	40	6	302.646.1050		3,5
63	50	6	302.646.1063		3,9



Control function DA
 PVDF , Union Spigot Butt+IR
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>FPM(70)</i>	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.646.3020	302.666.3020	0,8
25	20	6	302.646.3025	302.666.3025	1,0
32	25	6	302.646.3032	302.666.3032	1,6
40	32	6	302.646.3040	302.666.3040	2,3
50	40	6	302.646.3050		3,5
63	50	6	302.646.3063		3,9



Control function DA
 PVDF , Union Spigot Butt+IR , Oil-free
 DIN

<i>d</i> (mm)	<i>DN</i> (mm)	<i>PN</i> (bar)	<i>EPDM-PTFE</i>	<i>KG</i>
20	15	6	302.666.3020.N	0,8
25	20	6	302.666.3025.N	1,0
32	25	6	302.666.3032.N	1,6
40	32	6	302.666.3040.N	2,3
50	40	6		
63	50	6		

Unit: mm

<i>d</i>	<i>DN</i>	<i>D</i>	<i>D1_G</i>	<i>D2</i>	<i>H</i>	<i>H1</i>	<i>H2</i>	<i>H3</i>	<i>H4</i>	<i>L</i>	<i>L1</i>	<i>L3</i>	<i>M</i>	<i>Z</i>	<i>W</i>	<i>W1</i>	<i>Lift = Hx</i>
20	15	96	1/4	43	126	14	67	25	58	128	196	25	6	90	57	57	7
25	20	96	1/4	51	132	18	73	25	58	152	221	25	6	108	70	70	10
32	25	96	1/4	58	149	26	88	25	58	166	234	40	8	116	82	94	13
40	32	120	1/4	72	173	26	99	26	71	192	260	40	8	134	82	94	15
50	40	120	1/4	83	205	39	132	26	71	222	284	45	8	154	109	122	16
63	50	120	1/4	100	205	39	132	26	71	266	321	45	8	184	109	122	16

