

Relaxed under pressure

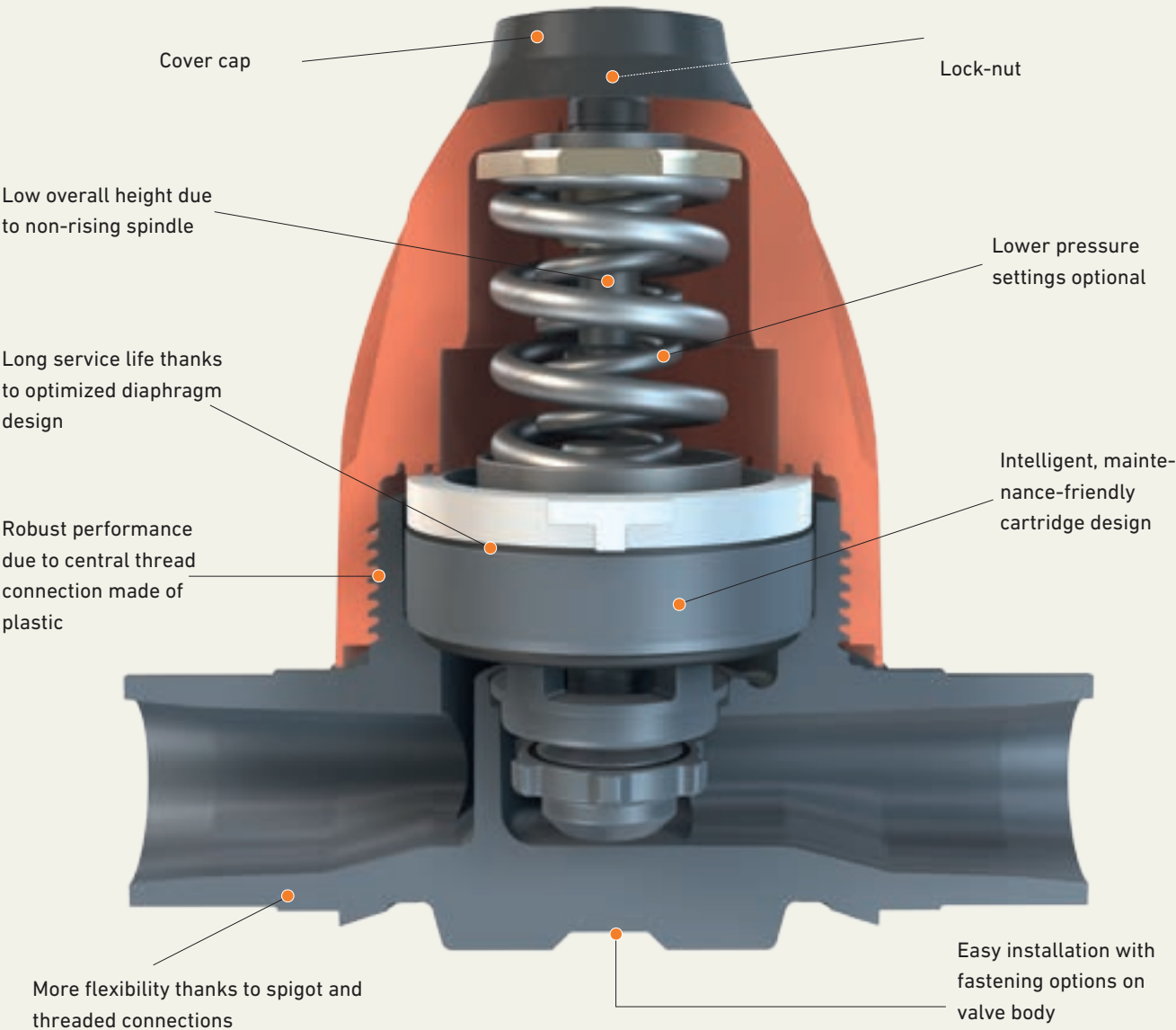
Pressure Reducing Valve Type 582
Pressure Retaining Valve Type 586



Your added value is our first priority

We listen to our customers' needs and we understand what the process requirements are - and in developing our new valves, we took both into consideration. A compelling feature of our innovative pressure regulating valves is their completely reengineered design. By reducing the outer geometry, we have accommodated a key customer request for compactness - without restricting performance in any way.

+ Strong on details



Our compact pressure regulating valves for precise regulation in your applications.

No matter whether the application requires system pressure to be reduced or retained. Maximum performance with minimal space requirement is what we promise.

+ Easy, reliable and flexible



Safer operation with less maintenance

- More precise and reliable pressure control over long periods of time
- No retightening metal screws thanks to central screw connection, in addition to homogenous thermal expansion behavior
- Corrosion-free plastic union with no exposed metal parts
- For use in high-purity applications, elastomer-free piston design, produced in a class 1000 clean room



Intelligent and modular design

- Replaceable cartridge for easy maintenance
- Pressure reducing and retaining valves available with or without manometer
- Pressure gauges on both sides of valve possible (installation in any position)
- Maximum space-saving due to non-rising spindle



Intuitive and easy operation

- Easily adjusted actuation unit (set screw)
- Injection-molded flow arrow to indicate direction of flow
- Injection-molded direction arrow on valve housing to indicate pressure increase/ decrease adjustment
- Simple manometer installation; brass manometer as standard or for highly aggressive media complete with gauge guard for media separation

It's your choice

A modular system that provides you with maximum flexibility. With unions available, our pressure regulating valves are adaptable to any standard or material. Easily replaceable cartridges facilitate maintenance and spare parts inventory.

+ Simply more options

PVC-U

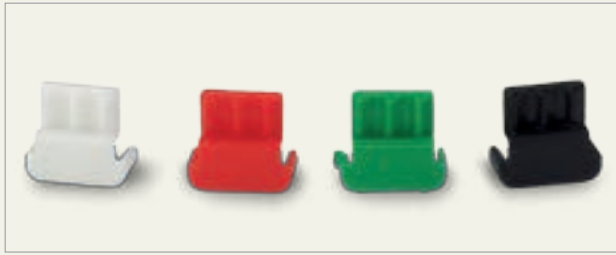


PVC-C





Optional manometer with adapter for media separation.



Snap elements to indicate valve type and sealing material.



Integrated fastening bush for safer valve fastening.

PP



PVDF



Constant outlet pressure

Pressure reducing valves, often referred to as pressure control valves, ensure that the pressure at the valve outlet remains constant. They are used wherever a higher system pressure needs to be reduced to a pre-defined value. Depending on the application, fluctuating pressures are evened out or devices branching out from the main pipeline are protected against excessive pressure. For use in high-purity systems, a special version of the valve is available with an elastomer-free piston.

+ Pressure reducing valve type 582



You want to control your processes easily and reliably.

Which is why we have developed a pressure reducing valve which you can depend on and which is easy to handle.

+ Exactly controlled pressure

Dimensions	DN 10-50 (3/8" - 2")
Materials	PVC-U, PVC-C, PP-H, PVDF
Diaphragms	EPDM/ PTFE
Seals	EPDM, FPM
Connections	Unions, spigots
Pressure rating (nominal pressure)	PN 10
Pressure setting range	0.5 - 9 bar, 0.3 - 3 bar (7 - 130 psi, 4 - 44 psi)
Hysteresis	max. 0.5 bar (max. 7 psi)



Function

The pressure on the valve outlet side acts via the diaphragm on the adjusting spring. By means of the spring preload, which is adjusted via the set screw on the valve, an equilibrium of forces is established. If the outlet pressure rises above the set value, the piston is lifted against the spring force. The valve closes and the outlet pressure is reduced. If the outlet pressure falls below the set value, the piston is pressed down by the spring force. The valve begins to open until a state of equilibrium is reestablished. Irrespective of a rising or falling inlet pressure, the outlet pressure remains largely constant because it is not directly correlated to the inlet pressure.

Constant inlet pressure

Pressure retaining valves, also known as overflow valves, ensure that the pressure at the valve inlet remains constant. They are used wherever the system pressure needs to remain constant or a defined counterpressure needs to be generated against feed pumps. It balances out pressure pulsation and reduces pressure peaks. If the valve is installed on the branch of a T-fitting, it can be used as an overflow or relief valve.

+ Pressure retaining valve type 586



You want to control your processes efficiently.

+ Maintain pressure reliably

Function

By means of adjustable spring force, the desired pressure is set in the valve inlet. If the inlet pressure rises above the set value, e.g. due to excessive delivery rate of the pump, the valve piston is lifted against the spring force. As a result, the valve opens and the pressure in the outlet pipe is reduced. If the pressure in the inlet pipe falls, the spring force presses the piston down toward the valve seat and closes the valve as soon as the inlet pressure sinks below the preset spring tension. In this way, a constant pressure in the inlet pipe is maintained.



This is why we have developed a new pressure retaining valve that contributes to the energy and cost efficiency of your processes.

Dimensions	DN 10-50 (3/8" - 2")
Materials	PVC-U, PVC-C, PP-H, PVDF
Diaphragms	EPDM/ PTFE
Seals	EPDM, FPM
Connections	Unions, spigots
Pressure rating (nominal pressure)	PN 10
Pressure setting range	0.5 - 9 bar, 0.3 - 3 bar (7 - 130 psi, 4 - 44 psi)
Hysteresis	max. 0.5 bar (max. 7 psi)



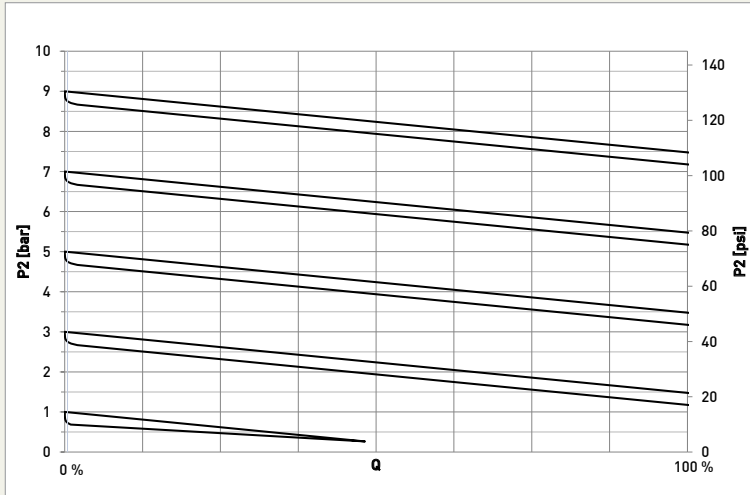
Produced in the clean room

Special, elastomer-free piston design
for your high-purity applications.

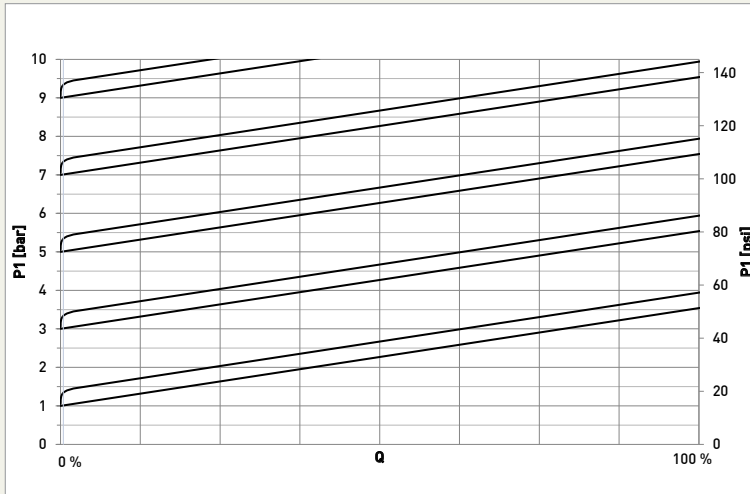




Specifications



Hysteresis curve
Pressure reducing valve type 582
100 % corresponds to a flow velocity of 2 m/s (6.6 ft/s).



Hysteresis curve
Pressure retaining valve type 586
100 % corresponds to a flow velocity of 2 m/s (6.6 ft/s).

Type 582

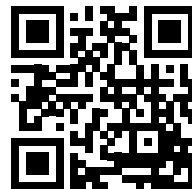
Size	100 %	
16DN10 (3/8")	1000 l/h	4.4 gpm
20DN15 (1/2")	1600 l/h	7.0 gpm
25DN20 (3/4")	2500 l/h	11.0 gpm
32DN25 (1")	4000 l/h	17.6 gpm
40DN32 (1 1/4")	6000 l/h	26.4 gpm
50DN40 (1 1/2")	10000 l/h	44.0 gpm
63DN50 (2")	16000 l/h	70.4 gpm

On the left, you see the schematic diagram of the hysteresis curve. The corresponding table shows the maximum values at 100 % in the diagram.

Type 586

Size	100 %	
16DN10 (3/8")	1000 l/h	4.4 gpm
20DN15 (1/2")	1600 l/h	7.0 gpm
25DN20 (3/4")	2500 l/h	11.0 gpm
32DN25 (1")	4000 l/h	17.6 gpm
40DN32 (1 1/4")	6000 l/h	26.4 gpm
50DN40 (1 1/2")	10000 l/h	44.0 gpm
63DN50 (2")	16000 l/h	70.4 gpm

On the left, you see the schematic diagram of the hysteresis curve. The corresponding table shows the maximum values at 100 % in the diagram.



Take advantage of our new online calculation tool to get the best dimensioning of your valve.

+ Flow characteristics and technical details

Hysteresis curve

The hysteresis curves illustrated to the left result from opening and closing the valve. They show the setting range of 0.5 - 9.0 bar (7-130 psi). The values apply to water at 20 °C (68 °F) and a flow velocity of 2 m/s (6.6 ft/s).

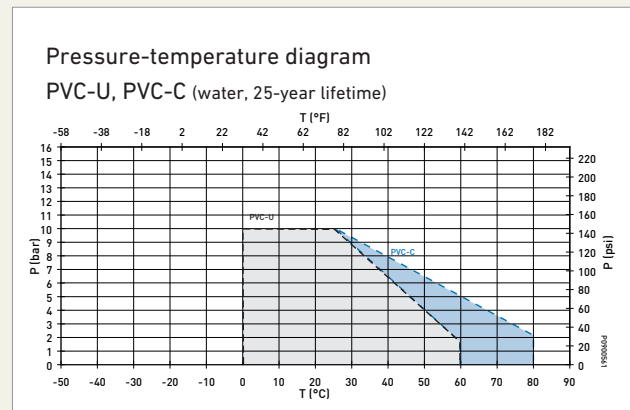
Pressure-temperature diagram

The pressure/temperature curves are valid for applications with water or aqueous media, working temperature 20 °C (68 °F), service life 25 years and a design factor C = 2.

P permissible pressure in bar, psi T temperature in °C (Celsius), °F (Fahrenheit)

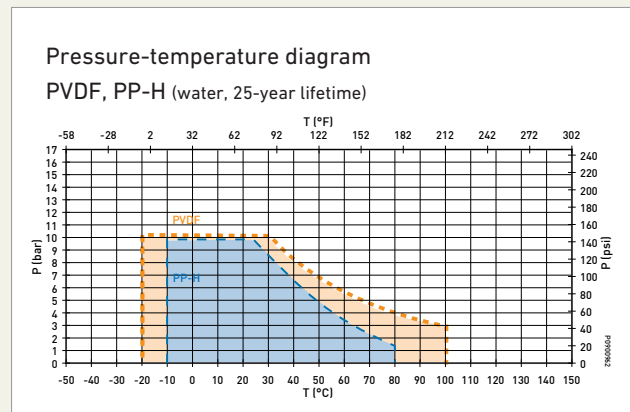
582 Pressure reducing valve

DN (mm)	inch	d (mm)	Kv 100		Cv100 (gpm)
			(L/min)	(L/h)	
10	3/8	16	45	2700	3.1
15	1/2	20	48	2850	3.3
20	3/4	25	112	6700	7.7
25	1	32	129	7730	8.9
32	1 1/4	40	254	15240	17.5
40	1 1/2	50	293	17590	20.2
50	2	63	319	19170	22.0



586 Pressure retaining valve

DN (mm)	inch	d (mm)	Kv 100		Cv100 (gpm)
			(L/min)	(L/h)	
10	3/8	16	50	3020	3.5
15	1/2	20	53	3150	3.6
20	3/4	25	114	6840	7.9
25	1	32	125	7500	8.6
32	1 1/4	40	263	15760	18.1
40	1 1/2	50	286	17140	19.7
50	2	63	293	17610	20.2



Kv100 at pressure differential p = 1 bar
Cv100 at pressure differential p = 1 psi

As individual as your applications, as diverse as your requirements.

We have been engineering application-oriented system solutions successfully in plastic for over 50 years. We offer individual, comprehensive systems and single components for a variety of applications and media. The further development of our portfolio is a crucial success factor for us and our customers. Our new pressure regulating valves have impressed users in the most diverse applications, thanks to their innovative outer geometry and specific material properties.

+ Versatile in use



- 1 • Water distribution lines
- House connections and service lines
- Waste water piping

- 2 • Industrial applications
- Mining applications

- 3 • Recreational facilities
- Golf courses
- Campsites

- 4 • Agriculture
- Hot-houses
- Irrigation systems

Water Treatment

Drinking water, industrial water, waste water: Depending on the area of application, our customers face diverse challenges in water treatment. These range from ensuring a specific water quality to the precise dosing of chemicals. The fact that our pressure regulating valves are corrosion-free and exhibit good flow characteristics make them ideal for water treatment applications.

Microelectronics

Since the processes and products in the microelectronic industry are highly sensitive, they require highly specialized systems and controlled clean room conditions. Stringent demands are made on the purity of the water used and how this ultrapure water is transported. Our pressure reducing

valves with special, elastomer-free pistons are resistant to abrasion and ideally suited for regulating high-purity media.

Chemical Process Industry

Aggressive media and harsh application conditions are a reality in many of the processes in the chemical industry. The piping systems and components implemented must therefore comply with the highest requirements in terms of safety and durability. Manufactured of highly chemical-resistant plastics, our pressure regulating valves are the right choice in demanding chemical applications as well.

Your decision

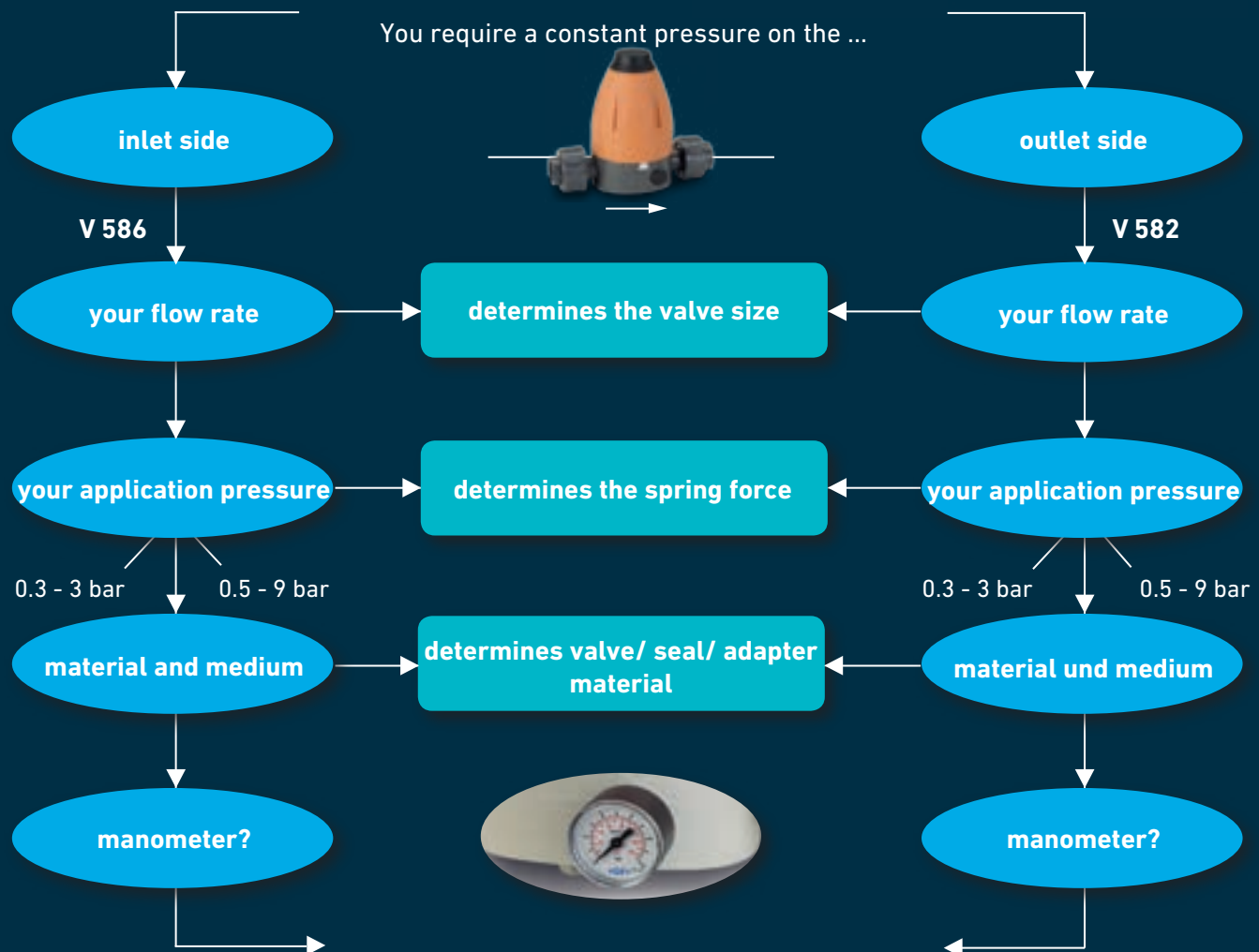
We make selecting the right products as simple as possible

We offer you an ideal combination of personal support and technical planning tools. With our online tools you have an overview of all the decisive criteria for optimal valve selection: e.g. chemical resistance tables to determine the right material for your application or calculation tools for layout and dimensioning.



With our practical online tool, you can find the right product for your application quickly and easily. For more information:

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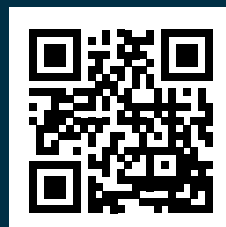
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The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.



Product Range

Pressure Control Valves Type 582 / 586



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PVC-U metric

Type 582

Pressure reducing valve type 582 PVC-U With solvent cement spigots metric Without manometer

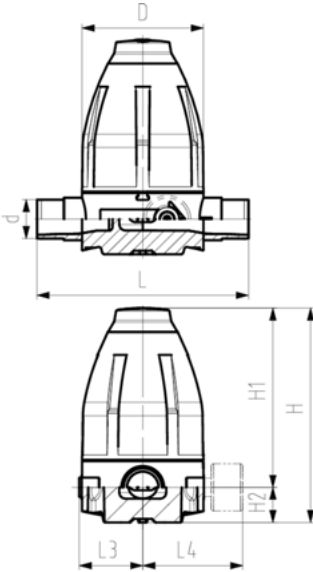


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

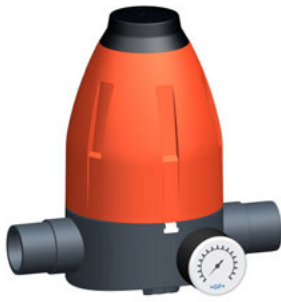
0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 582 001	161 582 011
20	15	10	161 582 002	161 582 012
25	20	10	161 582 003	161 582 013
32	25	10	161 582 004	161 582 014
40	32	10	161 582 005	161 582 015
50	40	10	161 582 006	161 582 016
63	50	10	161 582 007	161 582 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	40	M6	3/8
20	79	132	111	21	12	134	42	40	M6	1/2
25	100	177	148	29	14	174	53	46	M6	3/4
32	100	177	148	29	14	174	53	46	M6	1
40	147	251	207	44	21	224	76	65	M8	1 1/4
50	147	251	207	44	21	224	76	65	M8	1 1/2
63	147	251	207	44	21	244	76	65	M8	2

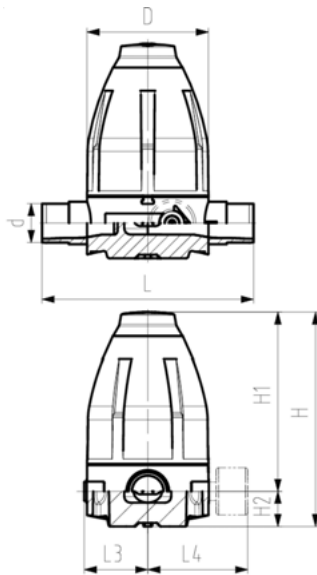


Pressure reducing valve type 582 PVC-U With solvent cement spigots metric With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 582 021	161 582 031
20	15	10	161 582 022	161 582 032
25	20	10	161 582 023	161 582 033
32	25	10	161 582 024	161 582 034
40	32	10	161 582 025	161 582 035
50	40	10	161 582 026	161 582 036
63	50	10	161 582 027	161 582 037

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	77	40	M6	3/8
20	79	132	111	21	12	134	42	77	40	M6	1/2
25	100	177	148	29	14	174	53	88	46	M6	3/4
32	100	177	148	29	14	174	53	88	46	M6	1
40	147	251	207	44	21	224	76	111	65	M8	1 1/4
50	147	251	207	44	21	224	76	111	65	M8	1 1/2
63	147	251	207	44	21	244	76	111	65	M8	2



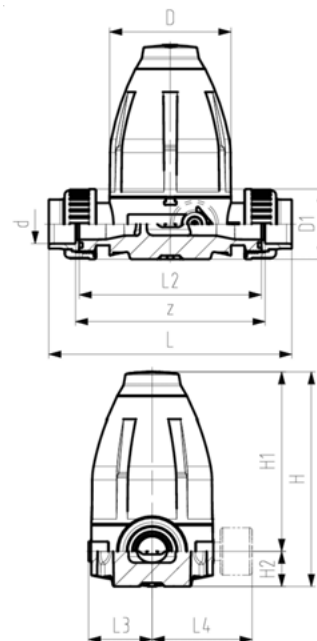
Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 582 101	161 582 111
20	15	10	161 582 102	161 582 112
25	20	10	161 582 103	161 582 113
32	25	10	161 582 104	161 582 114
40	32	10	161 582 105	161 582 115
50	40	10	161 582 106	161 582 116
63	50	10	161 582 107	161 582 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
16	79	35	132	111	21	12	180	120	42	40	M6	172	3/8
20	79	43	132	111	21	12	158	120	42	40	M6	126	1/2
25	100	51	177	148	29	14	194	150	53	46	M6	156	3/4
32	100	58	177	148	29	14	200	150	53	46	M6	156	1
40	147	72	251	207	44	21	263	205	76	65	M8	211	1 1/4
50	147	83	251	207	44	21	273	205	76	65	M8	211	1 1/2
63	147	101	251	207	44	21	287	205	76	65	M8	211	2

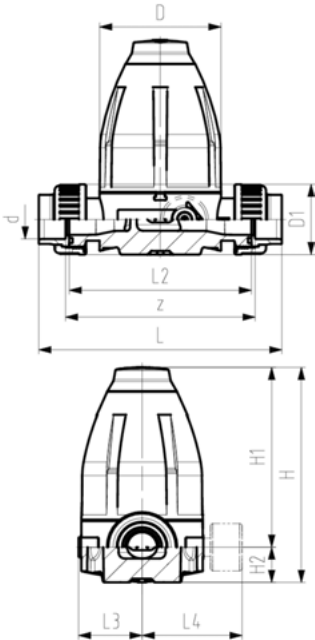


Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets metric With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 582 121	161 582 131
20	15	10	161 582 122	161 582 132
25	20	10	161 582 123	161 582 133
32	25	10	161 582 124	161 582 134
40	32	10	161 582 125	161 582 135
50	40	10	161 582 126	161 582 136
63	50	10	161 582 127	161 582 137

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
16	79	35	132	111	21	12	180	120	42	77	40	M6	172
20	79	43	132	111	21	12	158	120	42	77	40	M6	126
25	100	51	177	148	29	14	194	150	53	88	46	M6	156
32	100	58	177	148	29	14	200	150	53	88	46	M6	156
40	147	72	251	207	44	21	263	205	76	111	65	M8	211
50	147	83	251	207	44	21	273	205	76	111	65	M8	211
63	147	101	251	207	44	21	287	205	76	111	65	M8	211

d [mm]	closest inch [inch]
16	3/8
20	1/2
25	3/4
32	1
40	1 1/4
50	1 1/2
63	2

Type 586

Pressure retaining valve type 586 PVC-U With solvent cement spigots metric Without manometer

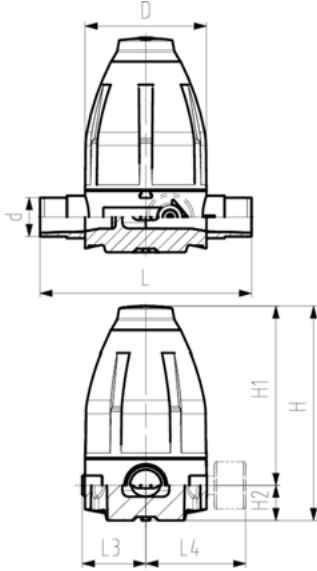


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 586 001	161 586 011
20	15	10	161 586 002	161 586 012
25	20	10	161 586 003	161 586 013
32	25	10	161 586 004	161 586 014
40	32	10	161 586 005	161 586 015
50	40	10	161 586 006	161 586 016
63	50	10	161 586 007	161 586 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	40	M6	3/8
20	79	132	111	21	12	134	42	40	M6	1/2
25	100	177	148	29	14	174	53	46	M6	3/4
32	100	177	148	29	14	174	53	46	M6	1
40	147	251	207	44	21	224	76	65	M8	1 1/4
50	147	251	207	44	21	224	76	65	M8	1 1/2
63	147	251	207	44	21	244	76	65	M8	2



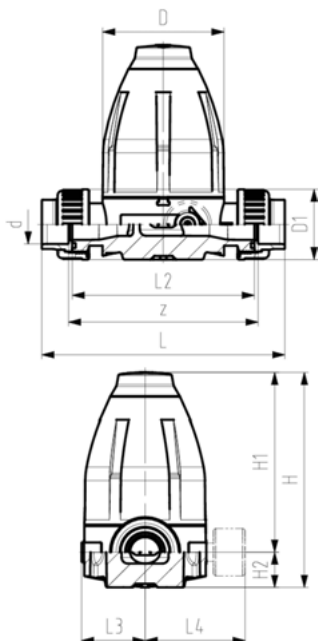
Pressure retaining valve type 586 PVC-U Unions with solvent cement sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	161 586 101	161 586 111
20	15	10	161 586 102	161 586 112
25	20	10	161 586 103	161 586 113
32	25	10	161 586 104	161 586 114
40	32	10	161 586 105	161 586 115
50	40	10	161 586 106	161 586 116
63	50	10	161 586 107	161 586 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
16	79	35	132	111	21	12	154	120	42	40	M6	172	3/8
20	79	43	132	111	21	12	158	120	42	40	M6	126	1/2
25	100	51	177	148	29	14	194	150	53	46	M6	156	3/4
32	100	58	177	148	29	14	200	150	53	46	M6	156	1
40	147	72	251	207	44	21	263	205	76	65	M8	211	1 1/4
50	147	83	251	207	44	21	273	205	76	65	M8	211	1 1/2
63	147	101	251	207	44	21	287	205	76	65	M8	211	2

PVC-U Inch BS

Type 582

Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets Inch BS Without manometer

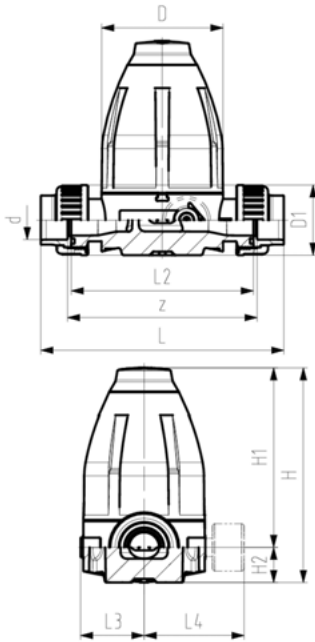


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 582 302	161 582 312
3/4	20	10	161 582 303	161 582 313
1	25	10	161 582 304	161 582 314
1 1/4	32	10	161 582 305	161 582 315
1 1/2	40	10	161 582 306	161 582 316
2	50	10	161 582 307	161 582 317

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	161	120	42	40	M6	126
3/4	100	51	177	148	29	14	198	150	53	46	M6	156
1	100	58	177	148	29	14	204	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	266	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	65	M8	211
2	147	101	251	207	44	21	285	205	76	65	M8	211

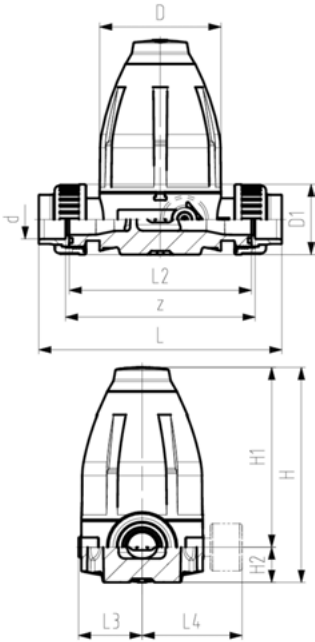


Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets Inch BS With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 582 322	161 582 332
3/4	20	10	161 582 323	161 582 333
1	25	10	161 582 324	161 582 334
1 1/4	32	10	161 582 325	161 582 335
1 1/2	40	10	161 582 326	161 582 336
2	50	10	161 582 327	161 582 337

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	161	120	42	77	40	M6	126
3/4	100	51	177	148	29	14	198	150	53	88	46	M6	156
1	100	58	177	148	29	14	204	150	53	88	46	M6	156
1 1/4	147	72	251	207	44	21	266	205	76	111	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	111	65	M8	211
2	147	101	251	207	44	21	285	205	76	111	65	M8	211

Type 586

Pressure retaining valve type 586 PVC-U Unions with solvent cement sockets Inch BS Without manometer

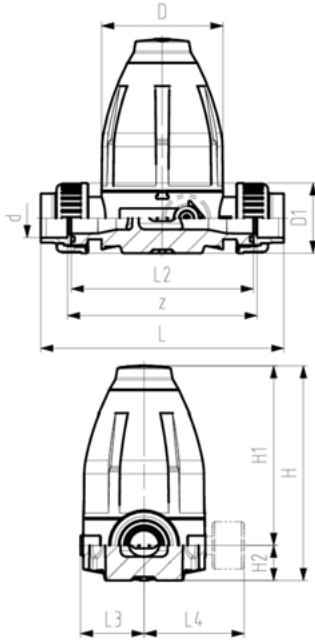


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 586 302	161 586 312
3/4	20	10	161 586 303	161 586 313
1	25	10	161 586 304	161 586 314
1 1/4	32	10	161 586 305	161 586 315
1 1/2	40	10	161 586 306	161 586 316
2	50	10	161 586 307	161 586 317

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	161	120	42	40	M6	126
3/4	100	51	177	148	29	14	198	150	53	46	M6	156
1	100	58	177	148	29	14	204	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	266	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	65	M8	211
2	147	101	251	207	44	21	285	205	76	65	M8	211

PVC-U ASTM/ANSI

Type 582

Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets ASTM Without manometer

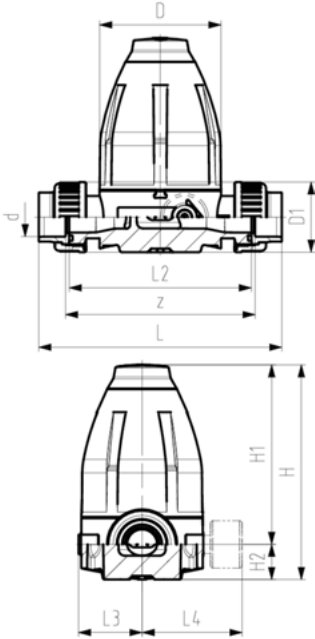


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 582 202	161 582 212
3/4	20	10	161 582 203	161 582 213
1	25	10	161 582 204	161 582 214
1 1/4	32	10	161 582 205	161 582 215
1 1/2	40	10	161 582 206	161 582 216
2	50	10	161 582 207	161 582 217

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	46	M6	156
1	100	58	177	148	29	14	214	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	65	M8	211
2	147	101	251	207	44	21	288	205	76	65	M8	211

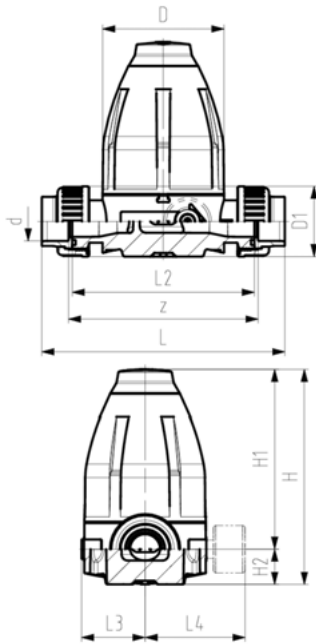


Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets ASTM With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code										
1/2	15	10	161 582 222	161 582 232										
3/4	20	10	161 582 223	161 582 233										
1	25	10	161 582 224	161 582 234										
1 1/4	32	10	161 582 225	161 582 235										
1 1/2	40	10	161 582 226	161 582 236										
2	50	10	161 582 227	161 582 237										

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	77	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	88	46	M6	156
1	100	58	177	148	29	14	214	150	53	88	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	111	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	111	65	M8	211
2	147	101	251	207	44	21	288	205	76	111	65	M8	211

Type 586

Pressure retaining valve type 586 PVC-U Unions with solvent cement sockets ASTM Without manometer

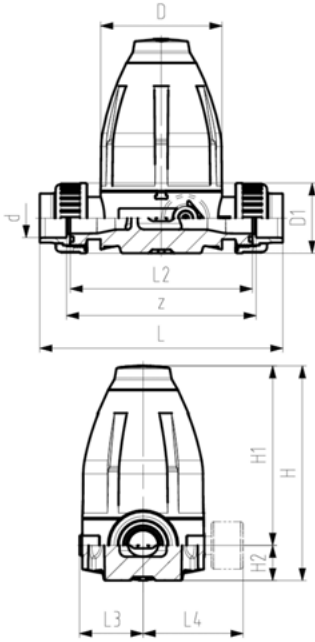


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 586 202	161 586 212
3/4	20	10	161 586 203	161 586 213
1	25	10	161 586 204	161 586 214
1 1/4	32	10	161 586 205	161 586 215
1 1/2	40	10	161 586 206	161 586 216
2	50	10	161 586 207	161 586 217

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	46	M6	156
1	100	58	177	148	29	14	214	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	65	M8	211
2	147	101	251	207	44	21	288	205	76	65	M8	211

PVC-U JIS

Type 582

Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets JIS Without manometer

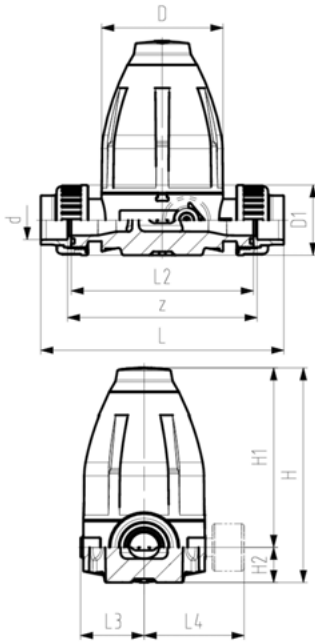


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code									
1/2	15	10	161 582 402	161 582 412									
3/4	20	10	161 582 403	161 582 413									
1	25	10	161 582 404	161 582 414									
1 1/4	32	10	161 582 405	161 582 415									
1 1/2	40	10	161 582 406	161 582 416									
2	50	10	161 582 407	161 582 417									

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	100	51	177	148	29	14	194	150	53	46	M6	156
3/4	100	51	177	148	29	14	194	150	53	46	M6	156
1	100	58	177	148	29	14	200	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	263	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	65	M8	211
2	147	101	251	207	44	21	287	205	76	65	M8	211

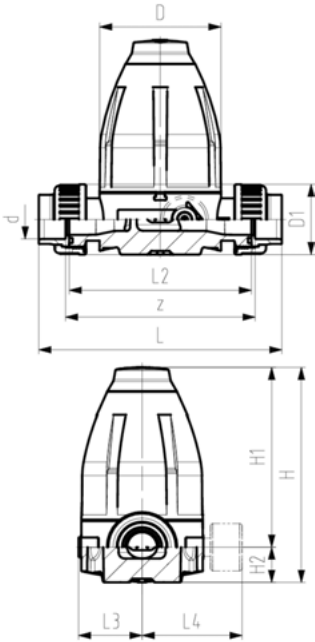


Pressure reducing valve type 582 PVC-U Unions with solvent cement sockets JIS With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 582 422	161 582 432
3/4	20	10	161 582 423	161 582 433
1	25	10	161 582 424	161 582 434
1 1/4	32	10	161 582 425	161 582 435
1 1/2	40	10	161 582 426	161 582 436
2	50	10	161 582 427	161 582 437

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
1/2	100	51	177	148	29	14	194	150	53	88	46	M6	156
3/4	100	51	177	148	29	14	194	150	53	88	46	M6	156
1	100	58	177	148	29	14	200	150	53	88	46	M6	156
1 1/4	147	72	251	207	44	21	263	205	76	111	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	111	65	M8	211
2	147	101	251	207	44	21	287	205	76	111	65	M8	211

Type 586

Pressure retaining valve type 586 PVC-U Unions with solvent cement sockets JIS Without manometer

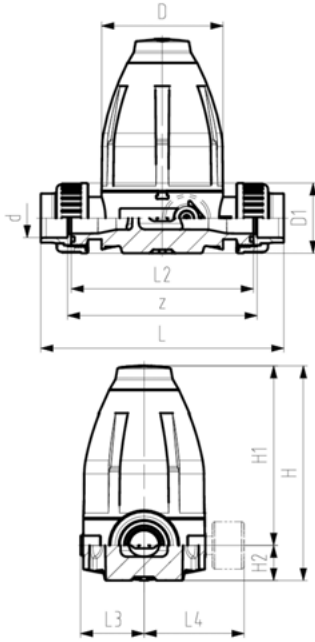


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



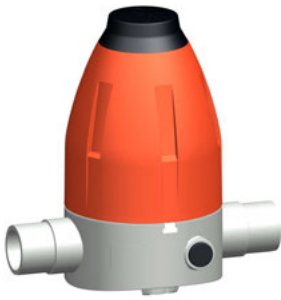
Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	161 586 402	161 586 412
3/4	20	10	161 586 403	161 586 413
1	25	10	161 586 404	161 586 414
1 1/4	32	10	161 586 405	161 586 415
1 1/2	40	10	161 586 406	161 586 416
2	50	10	161 586 407	161 586 417

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	100	51	177	148	29	14	194	150	53	46	M6	156
3/4	100	51	177	148	29	14	194	150	53	46	M6	156
1	100	58	177	148	29	14	200	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	263	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	273	205	76	65	M8	211
2	147	101	251	207	44	21	287	205	76	65	M8	211

PVC-C metric

Type 582

Pressure reducing valve type 582 PVC-C With solvent cement spigots metric Without manometer

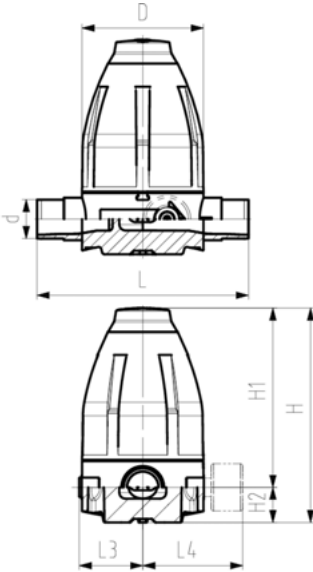


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

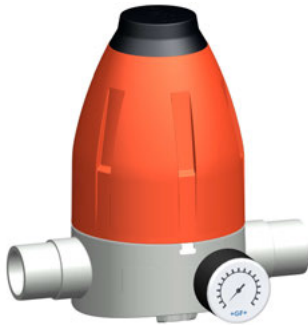
0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	163 582 001	163 582 011
20	15	10	163 582 002	163 582 012
25	20	10	163 582 003	163 582 013
32	25	10	163 582 004	163 582 014
40	32	10	163 582 005	163 582 015
50	40	10	163 582 006	163 582 016
63	50	10	163 582 007	163 582 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	40	M6	3/8
20	79	132	111	21	12	134	42	40	M6	1/2
25	100	177	148	29	14	174	53	46	M6	3/4
32	100	177	148	29	14	174	53	46	M6	1
40	147	251	207	44	21	224	76	65	M8	1 1/4
50	147	251	207	44	21	224	76	65	M8	1 1/2
63	147	251	207	44	21	244	76	65	M8	2

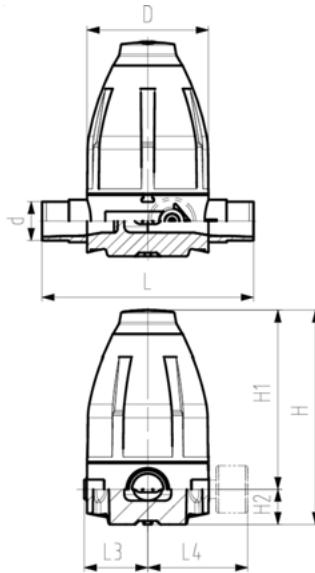


Pressure reducing valve type 582 PVC-C With solvent cement spigots metric With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	163 582 021	163 582 031
20	15	10	163 582 022	163 582 032
25	20	10	163 582 023	163 582 033
32	25	10	163 582 024	163 582 034
40	32	10	163 582 025	163 582 035
50	40	10	163 582 026	163 582 036
63	50	10	163 582 027	163 582 037

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	77	40	M6	3/8
20	79	132	111	21	12	134	42	77	40	M6	1/2
25	100	177	148	29	14	174	53	88	46	M6	3/4
32	100	177	148	29	14	174	53	88	46	M6	1
40	147	251	207	44	21	224	76	111	65	M8	1 1/4
50	147	251	207	44	21	224	76	111	65	M8	1 1/2
63	147	251	207	44	21	244	76	111	65	M8	2



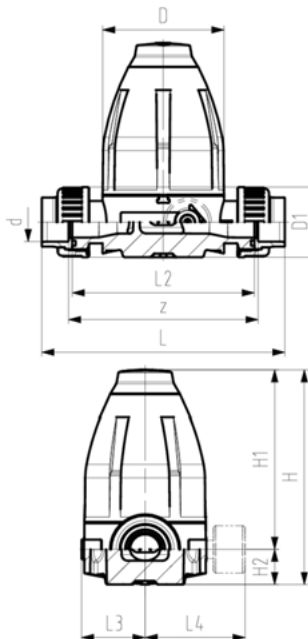
Pressure reducing valve type 582 PVC-C Unions with solvent cement sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	163 582 102	163 582 112
25	20	10	163 582 103	163 582 113
32	25	10	163 582 104	163 582 114
40	32	10	163 582 105	163 582 115
50	40	10	163 582 106	163 582 116
63	50	10	163 582 107	163 582 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	43	132	111	21	12	162	120	42	40	M6	126	1/2
25	100	51	177	148	29	14	198	150	53	46	M6	156	3/4
32	100	58	177	148	29	14	204	150	53	46	M6	156	1
40	147	72	251	207	44	21	267	205	76	65	M8	211	1 1/4
50	147	83	251	207	44	21	273	205	76	65	M8	211	1 1/2
63	147	100	251	207	44	21	287	205	76	65	M8	211	2

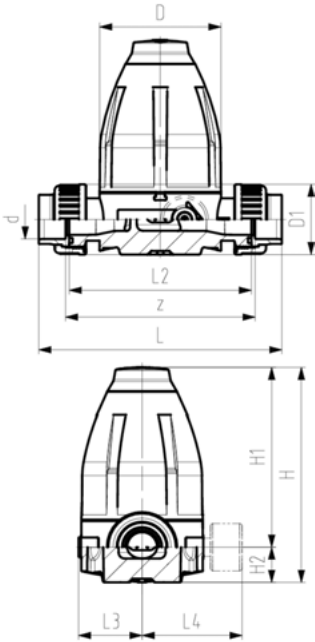


Pressure reducing valve type 582 PVC-C Unions with solvent cement sockets metric With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	163 582 122	163 582 132
25	20	10	163 582 123	163 582 133
32	25	10	163 582 124	163 582 134
40	32	10	163 582 125	163 582 135
50	40	10	163 582 126	163 582 136
63	50	10	163 582 127	163 582 137

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
20	79	43	132	111	21	12	162	120	42	77	40	M6	126
25	100	51	177	148	29	14	198	150	53	88	46	M6	156
32	100	58	177	148	29	14	204	150	53	88	46	M6	156
40	147	72	251	207	44	21	267	205	76	111	65	M8	211
50	147	83	251	207	44	21	273	205	76	111	65	M8	211
63	147	100	251	207	44	21	287	205	76	111	65	M8	211

d [mm]	closest inch [inch]
20	1/2
25	3/4
32	1
40	1 1/4
50	1 1/2
63	2

Type 586

Pressure retaining valve type 586 PVC-C With solvent cement spigots metric Without manometer

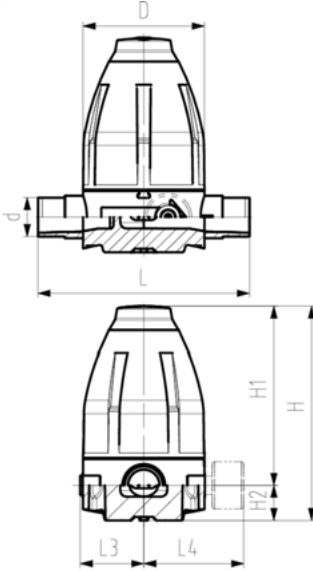


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
16	10	10	163 586 001	163 586 011
20	15	10	163 586 002	163 586 012
25	20	10	163 586 003	163 586 013
32	25	10	163 586 004	163 586 014
40	32	10	163 586 005	163 586 015
50	40	10	163 586 006	163 586 016
63	50	10	163 586 007	163 586 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
16	79	132	111	21	12	134	42	40	M6	3/8
20	79	132	111	21	12	134	42	40	M6	1/2
25	100	177	148	29	14	174	53	46	M6	3/4
32	100	177	148	29	14	174	53	46	M6	1
40	147	251	207	44	21	224	76	65	M8	1 1/4
50	147	251	207	44	21	224	76	65	M8	1 1/2
63	147	251	207	44	21	244	76	65	M8	2



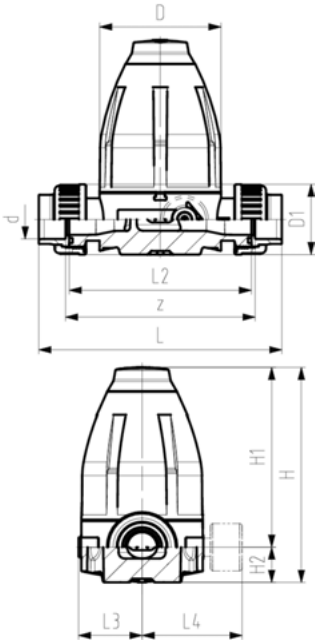
Pressure retaining valve type 586 PVC-C Unions with solvent cement sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	163 586 102	163 586 112
25	20	10	163 586 103	163 586 113
32	25	10	163 586 104	163 586 114
40	32	10	163 586 105	163 586 115
50	40	10	163 586 106	163 586 116
63	50	10	163 586 107	163 586 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	43	132	111	21	12	162	120	42	40	M6	126	½
25	100	51	177	148	29	14	198	150	53	46	M6	156	¾
32	100	58	177	148	29	14	204	150	53	46	M6	156	1
40	147	72	251	207	44	21	267	205	76	65	M8	211	1 ¼
50	147	83	251	207	44	21	273	205	76	65	M8	211	1 ½
63	147	100	251	207	44	21	287	205	76	65	M8	211	2

PVC-C ASTM/ANSI/BS

Type 582

Pressure reducing valve type 582 PVC-C Unions with solvent cement sockets ASTM Without manometer

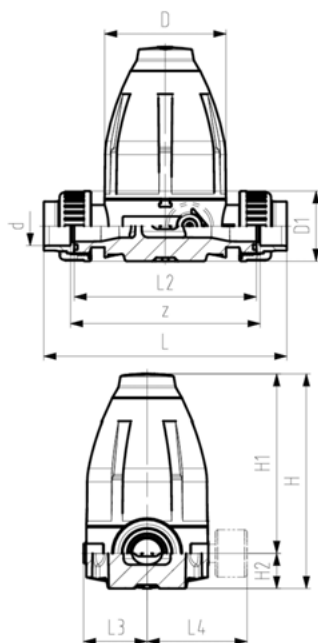


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code								
1/2	15	10	163 582 202	163 582 212								
3/4	20	10	163 582 203	163 582 213								
1	25	10	163 582 204	163 582 214								
1 1/4	32	10	163 582 205	163 582 215								
1 1/2	40	10	163 582 206	163 582 216								
2	50	10	163 582 207	163 582 217								

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	46	M6	156
1	100	58	177	148	29	14	214	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	65	M8	211
2	147	101	251	207	44	21	288	205	76	65	M8	211

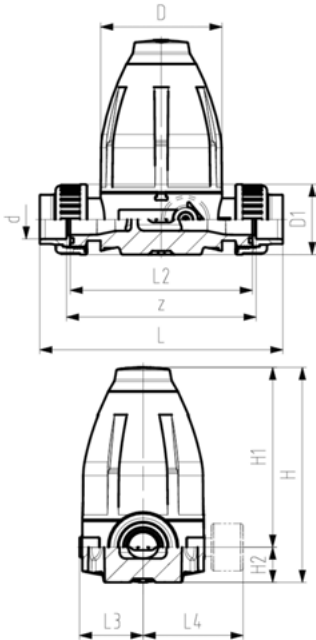


Pressure reducing valve type 582 PVC-C Unions with solvent cement sockets ASTM With manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request



Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	163 582 222	163 582 232
3/4	20	10	163 582 223	163 582 233
1	25	10	163 582 224	163 582 234
1 1/4	32	10	163 582 225	163 582 235
1 1/2	40	10	163 582 226	163 582 236
2	50	10	163 582 227	163 582 237

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	77	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	88	46	M6	156
1	100	58	177	148	29	14	214	150	53	88	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	111	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	111	65	M8	211
2	147	101	251	207	44	21	288	205	76	111	65	M8	211

Type 586

Pressure retaining valve type 586 PVC-C Unions with solvent cement sockets ASTM Without manometer

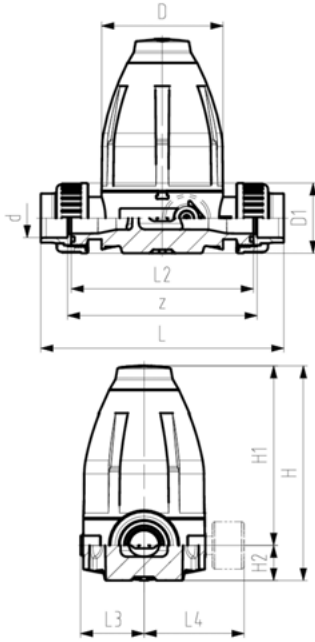


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



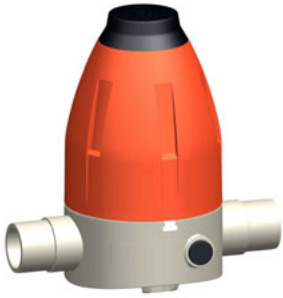
Inch [inch]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
1/2	15	10	163 586 202	163 586 212
3/4	20	10	163 586 203	163 586 213
1	25	10	163 586 204	163 586 214
1 1/4	32	10	163 586 205	163 586 215
1 1/2	40	10	163 586 206	163 586 216
2	50	10	163 586 207	163 586 217

Inch [inch]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]
1/2	79	43	132	111	21	12	171	120	42	40	M6	126
3/4	100	51	177	148	29	14	207	150	53	46	M6	156
1	100	58	177	148	29	14	214	150	53	46	M6	156
1 1/4	147	72	251	207	44	21	275	205	76	65	M8	211
1 1/2	147	83	251	207	44	21	281	205	76	65	M8	211
2	147	101	251	207	44	21	288	205	76	65	M8	211

PROGEF Standard metric

Type 582

PROGEF Standard Pressure reducing valve type 582 With butt fusion spigots SDR11 metric Without manometer

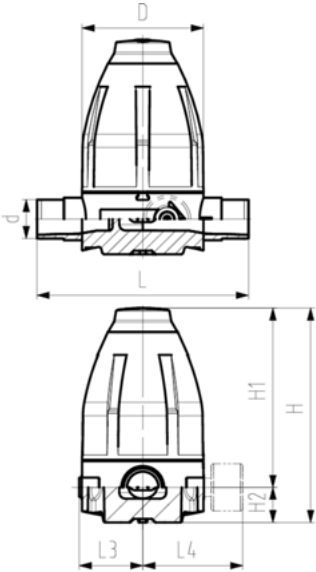


Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

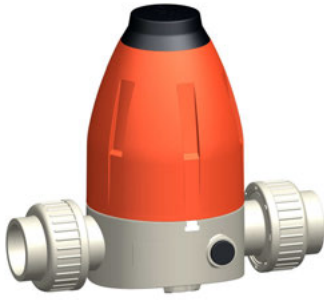
0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code							
20	15	10	167 582 002	167 582 012							
25	20	10	167 582 003	167 582 013							
32	25	10	167 582 004	167 582 014							
40	32	10	167 582 005	167 582 015							
50	40	10	167 582 006	167 582 016							
63	50	10	167 582 007	167 582 017							

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]	
20	79	132	111	21	14	150	42	40	M6	½	
25	100	177	148	29	14	190	53	46	M6	¾	
32	100	177	148	29	14	190	53	46	M6	1	
40	147	251	207	44	21	240	76	65	M8	1 ¼	
50	147	251	207	44	21	240	76	65	M8	1 ½	
63	147	251	207	44	21	260	76	65	M8	2	



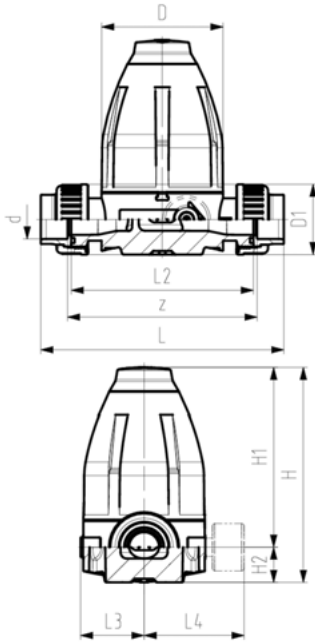
PROGEF Standard Pressure reducing valve type 582 Unions with fusion sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	167 582 102	167 582 112
25	20	10	167 582 103	167 582 113
32	25	10	167 582 104	167 582 114
40	32	10	167 582 105	167 582 115
50	40	10	167 582 106	167 582 116
63	50	10	167 582 107	167 582 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	48	132	111	21	12	158	120	42	40	M6	126	1/2
25	100	58	177	148	29	14	192	150	53	46	M6	156	3/4
32	100	65	177	148	29	14	196	150	53	46	M6	156	1
40	147	77	251	207	44	21	255	205	76	65	M8	211	1 1/4
50	147	84	251	207	44	21	261	205	76	65	M8	211	1 1/2
63	147	111	251	207	44	21	269	205	76	65	M8	211	2



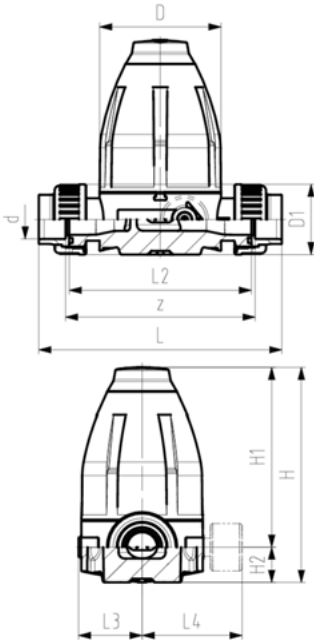
PROGEF Standard Pressure reducing valve type 582 Unions with butt fusion spigots SDR11 metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request

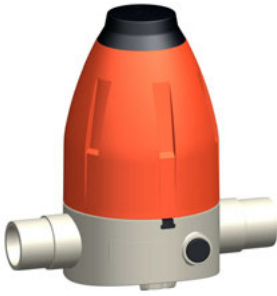


d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	167 582 502	167 582 512
25	20	10	167 582 503	167 582 513
32	25	10	167 582 504	167 582 514
40	32	10	167 582 505	167 582 515
50	40	10	167 582 506	167 582 516
63	50	10	167 582 507	167 582 517

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	48	132	111	21	12	158	120	42	40	M6	126	1/2
25	100	58	177	148	29	14	192	150	53	46	M6	156	3/4
32	100	65	177	148	29	14	196	150	53	46	M6	156	1
40	147	77	251	207	44	21	255	205	76	65	M8	211	1 1/4
50	147	84	251	207	44	21	261	205	76	65	M8	211	1 1/2
63	147	111	251	207	44	21	269	205	76	65	M8	211	2

Type 586

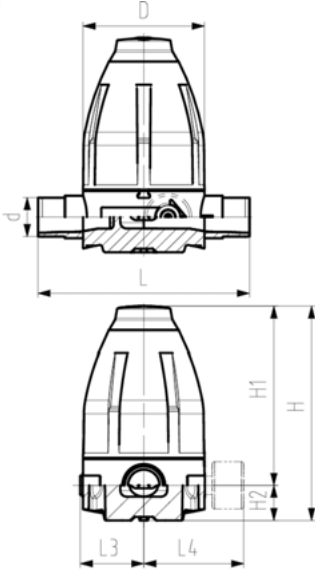
PROGEF Standard Pressure retaining valve type 586 With butt fusion spigots SDR11 metric Without manometer



Model:

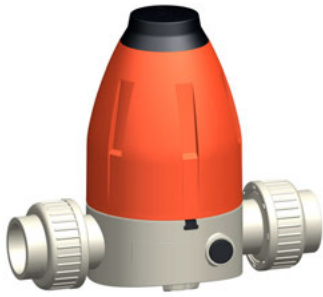
- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request
Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	167 586 002	167 586 012
25	20	10	167 586 003	167 586 013
32	25	10	167 586 004	167 586 014
40	32	10	167 586 005	167 586 015
50	40	10	167 586 006	167 586 016
63	50	10	167 586 007	167 586 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	132	111	21	14	150	42	40	M6	½
25	100	177	148	29	14	190	53	46	M6	¾
32	100	177	148	29	14	190	53	46	M6	1
40	147	251	207	44	21	240	76	65	M8	1 ¼
50	147	251	207	44	21	240	76	65	M8	1 ½
63	147	251	207	44	21	260	76	65	M8	2



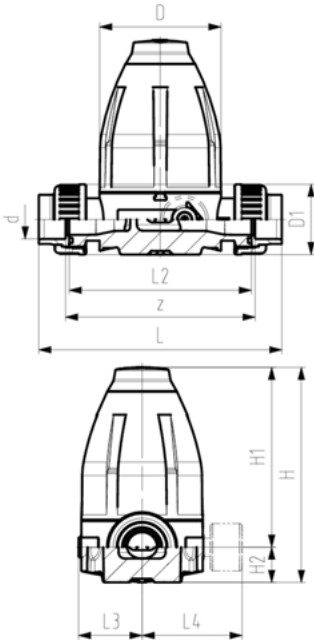
PROGEF Standard Pressure retaining valve type 586 Unions with fusion sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	167 586 102	167 586 112
25	20	10	167 586 103	167 586 113
32	25	10	167 586 104	167 586 114
40	32	10	167 586 105	167 586 115
50	40	10	167 586 106	167 586 116
63	50	10	167 586 107	167 586 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	48	132	111	21	12	158	120	42	40	M6	126	1/2
25	100	58	177	148	29	14	192	150	53	46	M6	156	3/4
32	100	65	177	148	29	14	196	150	53	46	M6	156	1
40	147	77	251	207	44	21	255	205	76	65	M8	211	1 1/4
50	147	84	251	207	44	21	261	205	76	65	M8	211	1 1/2
63	147	111	251	207	44	21	269	205	76	65	M8	211	2



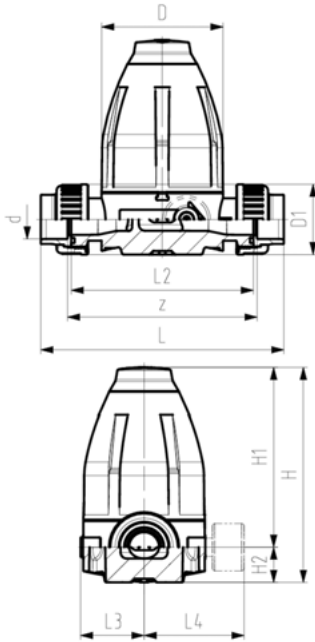
PROGEF Standard Pressure retaining valve type 586 Unions with butt fusion spigots SDR11 metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings EPDM code	O-rings FPM code
20	15	10	167 586 502	167 586 512
25	20	10	167 586 503	167 586 513
32	25	10	167 586 504	167 586 514
40	32	10	167 586 505	167 586 515
50	40	10	167 586 506	167 586 516
63	50	10	167 586 507	167 586 517

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	48	132	111	21	12	228	120	42	40	M6	126	1/2
25	100	58	177	148	29	14	264	150	53	46	M6	156	3/4
32	100	65	177	148	29	14	270	150	53	46	M6	156	1
40	147	77	251	207	44	21	331	205	76	65	M8	211	1 1/4
50	147	84	251	207	44	21	337	205	76	65	M8	211	1 1/2
63	147	111	251	207	44	21	343	205	76	65	M8	211	2

SYGEF Standard metric/ASTM/ANSI

Type 582

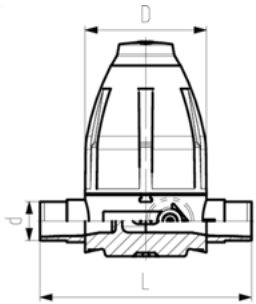
SYGEF Standard Pressure reducing valve type 582 With butt fusion spigots SDR11 metric Without manometer



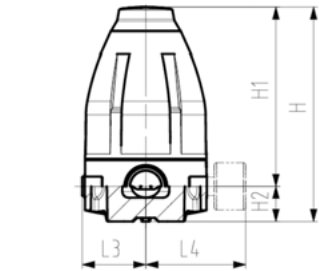
Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request
Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 582 012
25	20	10	185 582 013
32	25	10	185 582 014
40	32	10	185 582 015
50	40	10	185 582 016
63	50	10	185 582 017



d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	132	111	21	14	150	42	40	M6	½
25	100	177	148	29	14	190	53	46	M6	¾
32	100	177	148	29	14	190	53	46	M6	1
40	147	251	207	44	21	240	76	65	M8	1 ¼
50	147	251	207	44	21	240	76	65	M8	1 ½
63	147	251	207	44	21	260	76	65	M8	2



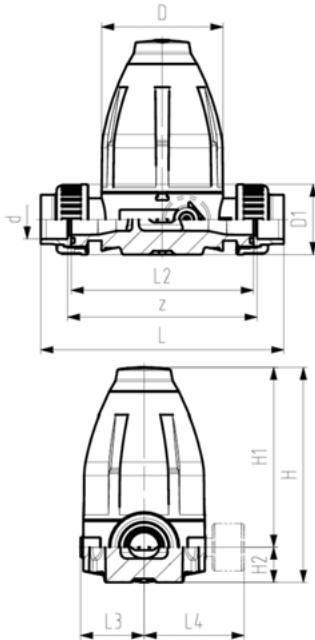
SYGEF Standard Pressure reducing valve type 582 With fusion sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 582 112
25	20	10	185 582 113
32	25	10	185 582 114
40	32	10	185 582 115
50	40	10	185 582 116
63	50	10	185 582 117

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	43	132	111	21	12	158	120	42	40	M6	130	1/2
25	100	53	177	148	29	14	192	150	53	46	M6	160	3/4
32	100	60	177	148	29	14	196	150	53	46	M6	160	1
40	147	74	251	207	44	21	255	205	76	65	M8	215	1 1/4
50	147	82	251	207	44	21	261	205	76	65	M8	215	1 1/2
63	147	100	251	207	44	21	269	205	76	65	M8	215	2



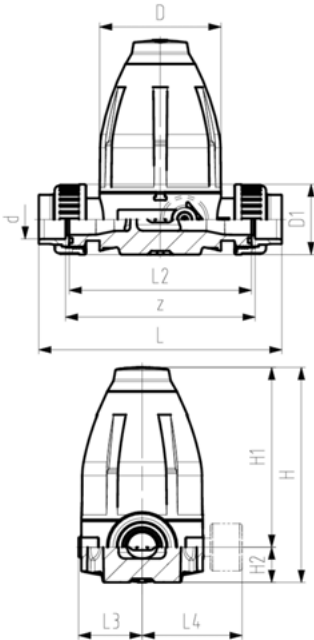
SYGEF Standard Pressure reducing valve type 582 Unions with butt fusion spigots SDR11 metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request

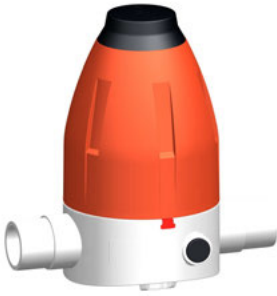


d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 582 512
25	20	10	185 582 513
32	25	10	185 582 514
40	32	10	185 582 515
50	40	10	185 582 516
63	50	10	185 582 517

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	43	132	111	21	12	226	120	42	40	M6	½
25	100	53	177	148	29	14	262	150	53	46	M6	¾
32	100	60	177	148	29	14	268	150	53	46	M6	1
40	147	74	251	207	44	21	329	205	76	65	M8	1 ¼
50	147	82	251	207	44	21	335	205	76	65	M8	1 ½
63	147	100	251	207	44	21	341	205	76	65	M8	2

Type 586

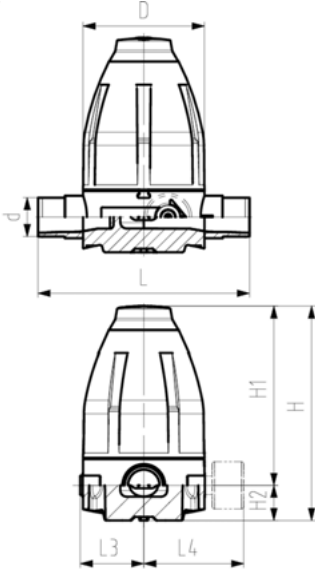
SYGEF Standard Pressure retaining valve type 586 With butt fusion spigots SDR11 metric Without manometer



Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request
Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 586 012
25	20	10	185 586 013
32	25	10	185 586 014
40	32	10	185 586 015
50	40	10	185 586 016
63	50	10	185 586 017

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	132	111	21	14	150	42	40	M6	1/2
25	100	177	148	29	14	190	53	46	M6	3/4
32	100	177	148	29	14	190	53	46	M6	1
40	147	251	207	44	21	240	76	65	M8	1 1/4
50	147	251	207	44	21	240	76	65	M8	1 1/2
63	147	251	207	44	21	260	76	65	M8	2



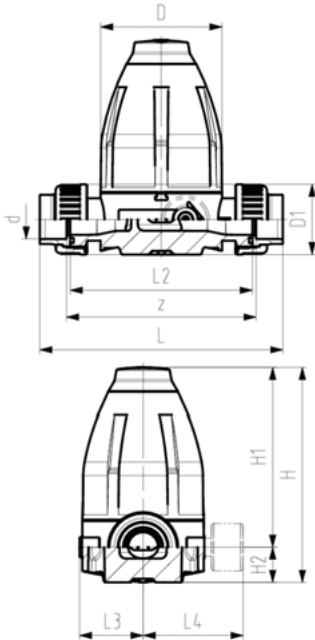
SYGEF Standard Pressure retaining valve type 586 Unions with fusion sockets metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 586 112
25	20	10	185 586 113
32	25	10	185 586 114
40	32	10	185 586 115
50	40	10	185 586 116
63	50	10	185 586 117

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	132	111	21	12	158	120	42	40	M6	130	1/2
25	100	177	148	29	14	192	150	53	46	M6	160	3/4
32	100	177	148	29	14	196	150	53	46	M6	160	1
40	147	251	207	44	21	255	205	76	65	M8	215	1 1/4
50	147	251	207	44	21	261	205	76	65	M8	215	1 1/2
63	147	251	207	44	21	269	205	76	65	M8	215	2



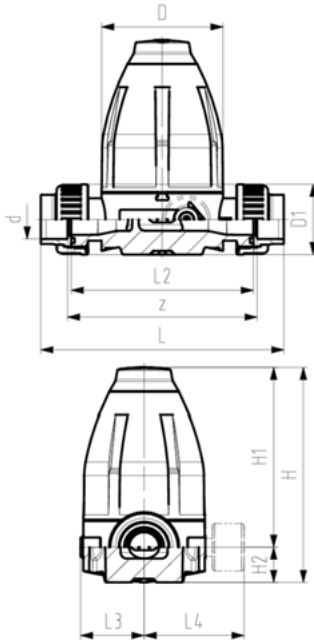
SYGEF Standard Pressure retaining valve type 586 Unions with butt fusion spigots SDR11 metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



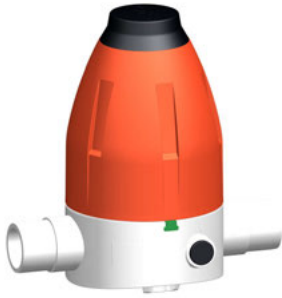
d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	185 586 512
25	20	10	185 586 513
32	25	10	185 586 514
40	32	10	185 586 515
50	40	10	185 586 516
63	50	10	185 586 517

d [mm]	D [mm]	D1 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	z [mm]	closest inch [inch]
20	79	43	132	111	21	12	226	120	42	40	M6	130	1/2
25	100	53	177	148	29	14	262	150	53	46	M6	160	3/4
32	100	60	177	148	29	14	268	150	53	456	M6	160	1
40	147	74	251	207	44	21	329	205	76	65	M8	215	1 1/4
50	147	82	251	207	44	21	335	205	76	65	M8	215	1 1/2
63	147	100	251	207	44	21	341	205	76	65	M8	215	2

SYGEF Plus metric/ASTM/ANSI

Type 582

SYGEF Plus
Pressure reducing valve type 582
With butt fusion spigots SDR11 metric
Without manometer

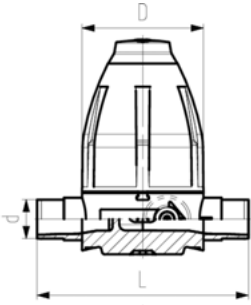


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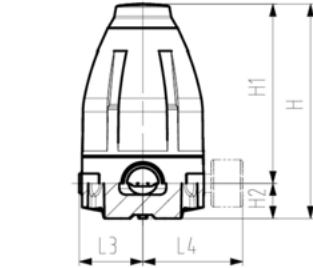
- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	180 582 012
25	20	10	180 582 013
32	25	10	180 582 014
40	32	10	180 582 015
50	40	10	180 582 016
63	50	10	180 582 017



d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	132	111	21	14	150	42	40	M6	1/2
25	100	177	148	29	14	190	53	46	M6	3/4
32	100	177	148	29	14	190	53	46	M6	1
40	147	251	207	44	21	240	76	65	M8	1 1/4
50	147	251	207	44	21	240	76	65	M8	1 1/2
63	147	251	207	44	21	260	76	65	M8	2



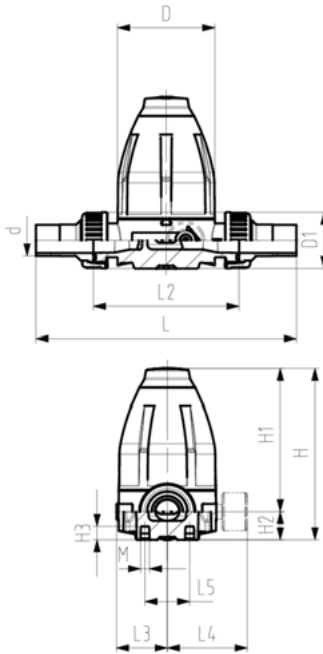
SYGEF Plus Pressure reducing valve type 582 Unions with butt fusion spigots SDR11 metric Without manometer

Model:

- Diaphragm PTFE / EPDM
- Integrated stainless steel mounting inserts
- 0.5-9.0 bar (7-130 psi)

0.3-3.0 bar (4-44 psi) on request

Manometer on request



d [mm]	DN [mm]	PN [bar]	O-rings FPM code
20	15	10	180 582 512
25	20	10	180 582 513
32	25	10	180 582 514
40	32	10	180 582 515
50	40	10	180 582 516
63	50	10	180 582 517

d [mm]	D [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	L [mm]	L2 [mm]	L3 [mm]	L5 [mm]	M	closest inch [inch]
20	79	132	111	21	12	226	120	42	40	M6	½
25	100	177	148	29	14	262	150	53	46	M6	¾
32	100	177	148	29	14	268	150	53	46	M6	1
40	147	251	207	44	21	329	205	76	65	M8	1 ¼
50	147	251	207	44	21	335	205	76	65	M8	1 ½
63	147	251	207	44	21	341	205	76	65	M8	2

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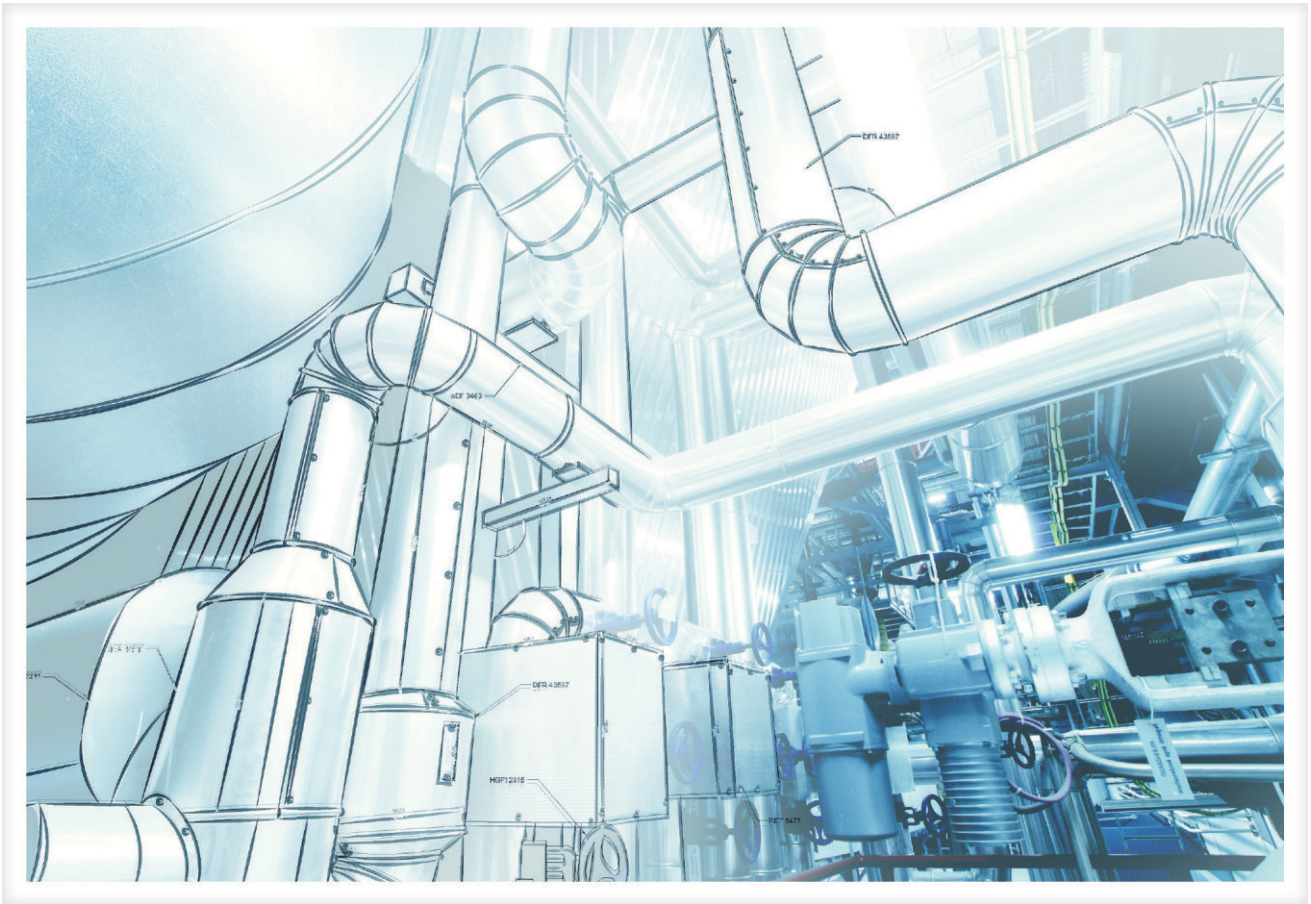
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161 582 036	5	161 582 324	10	161 586 212	14
161 582 037	5	161 582 325	10	161 586 213	14
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161 582 102	5	161 582 327	10	161 586 215	14
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161 582 107	5	161 582 336	10	161 586 304	11
161 582 111	5	161 582 337	10	161 586 305	11
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161 582 207	12	161 586 002	7	163 582 006	18
161 582 212	12	161 586 003	7	163 582 007	18
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161 582 215	12	161 586 006	7	163 582 013	18
161 582 216	12	161 586 007	7	163 582 014	18
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163 582 127	20	163 586 217	25	167 586 513	31
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163 582 213	23	167 582 103	27	180 582 515	39
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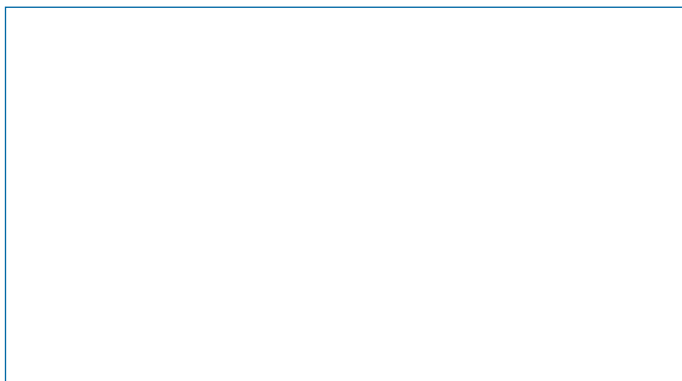


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