



PRESSURE REDUCING VALVE DIAPHRAGM SENSING P15SS

DESCRIPTION

The ADCA P15 series **direct acting, springloaded diaphragm sensing**, pressure reducing valves, are designed for use on compressed air, water and other gases or liquids compatible with the materials of construction.

They are suitable for pressure reducing stations where low capacity is required.

Connections are female screwed or flanged.

MAIN FEATURES

Compact design.

Machined from barstock materials.

OPTIONS:

- Metal to metal or soft valve.
- Relieving-Internal relief valve to allow reduce outlet pressure in a no-flow condition.
- Built-in strainer.
- Outlet 1/4" gauge connection on body.
- Panel mounting nut and thread.
- Straight or angle connections.

USE:

- Steam, compressed air, water and other gases and liquids compatible with the construction.
- Special version available for steam, on request.

AVAILABLE MODELS: P15SS – Stainless steel.

SIZES: DN 1/4", 3/8" and 1/2".
DN 15

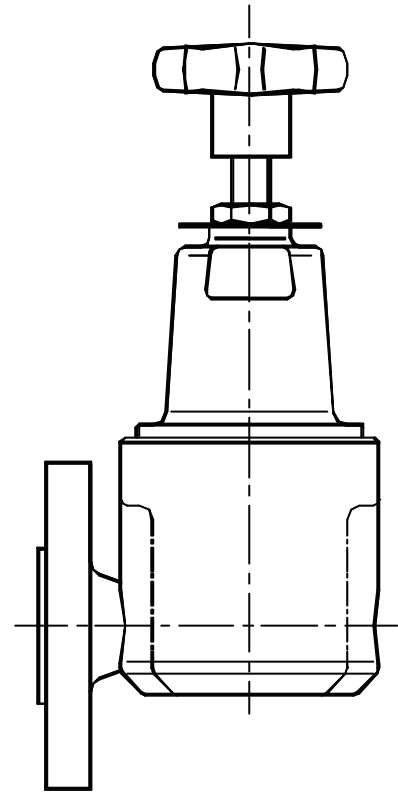
CONNECTIONS: Female screwed ISO7/1Rp(BS 21) or NPT. Flanged DIN.
Special flanges upon request.

INSTALLATION: Horizontal installation.
An "Y" strainer should be provided upstream the valve.
See IMI, installation and maintenance instructions.

LIMITING CONDITIONS :

Body design conditions :	PN 100
Maximum upstream pressure (air):	50 bar
Maximum upstream pressure (steam):	25 bar
Maximum downstream pressure :	15 bar
Minimum downstream pressure :	0,2 bar
Maximum design temperature :	260 °C
Kvs :	1,15 m ³ /h

Different conditions available on request.



MATERIALS :

- Body and Springhousing : stainless steel.
- Wetted parts and diaphragm : stainless steel
- Valve seals : stainless steel, teflon, viton, etc

ORDER REQUIREMENTS :

- Type of fluid
- Maximum operating temperature
- Inlet pressure and required outlet pressure
- Capacity (maximum and minimum).

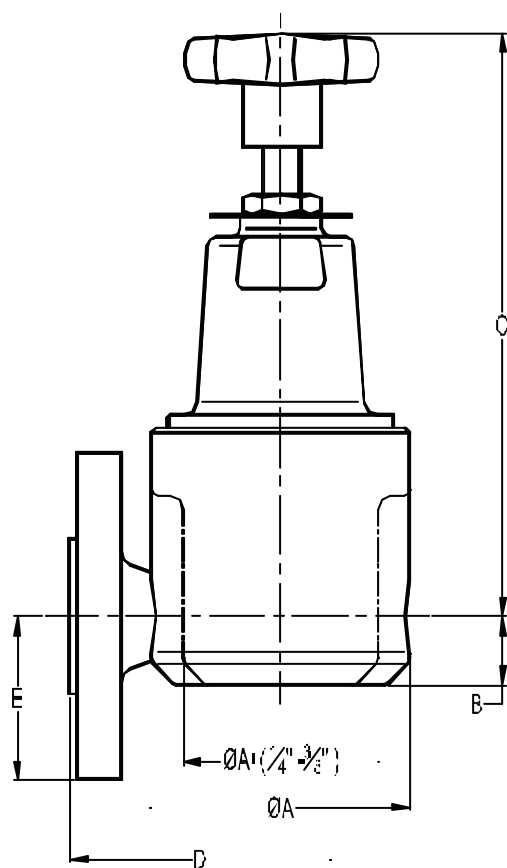
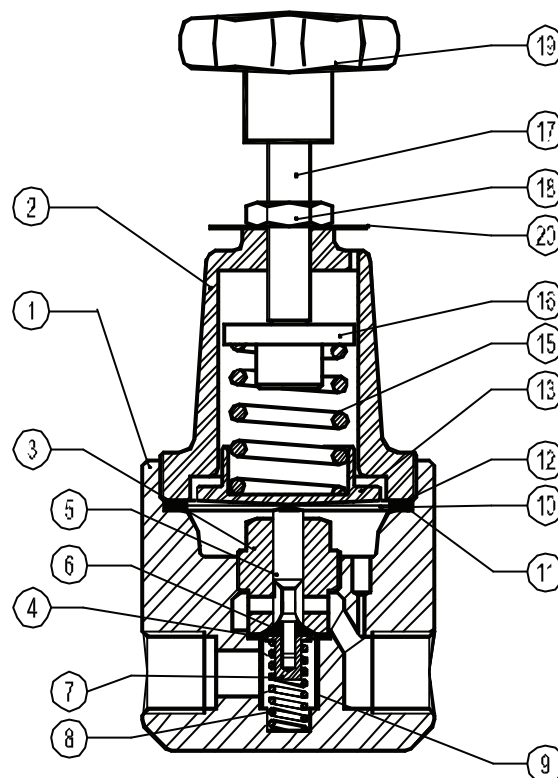
MATERIALS		
POS.	DESIGNATION	MATERIAL
1	BODY	STAINLESS STEEL
2	TOP COVER	STAINLESS STEEL
3	SEAT	ST.STEEL OR SOFT
4 *	GASKET	ST.STEEL
5	PUSHROD	ST.STEEL
6	VALVE HEAD	ST.STEEL OR SOFT MAT.
8 *	VALVE SPRING	ST.STEEL
9 *	STRAINER SCREEN	ST.ST. AISI 304
10 *	DIAPHRAGM	ST.STEEL
11 *	GASKET	ST.STEEL GRAPH.
12 *	GASKET	ST.STEEL
13	SPRING PLATE	BRASS
15 *	ADJUSTMENT SPRING	ST.STEEL
16	TOP SPRING PLATE	BRASS
17	ADJUSTMENT SCREW	ST.ST. AISI 304
18	LOCKNUT	ST.ST. AISI 304
19	HANDWHEEL	PLASTIC
20	SPRING IDENT. PLATE	ALUMINIUM

*Available spare parts.

Remarks :

Material specification is only indicative and can be changed according to the application .

All valves has a serial number . In case of no-standard valves this number must be supplied if spare parts are ordered .

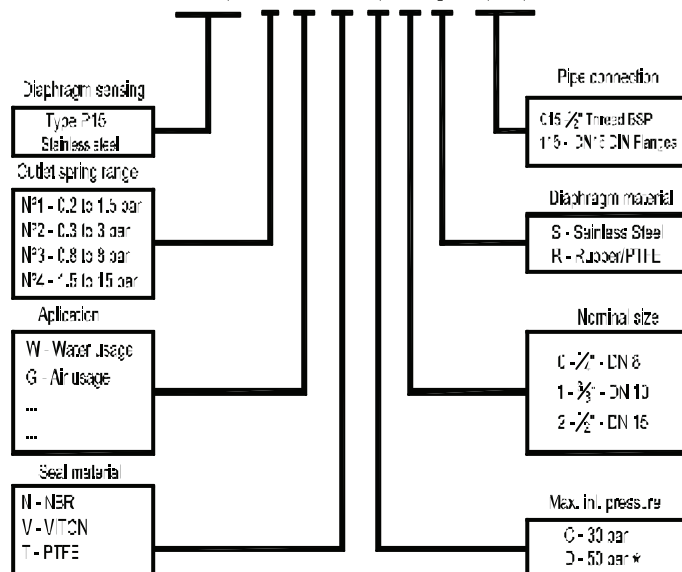


DIMENSIONS (mm)

DN	SCREWED ENDS				Kg	DIN FLANGES			Kg
	A	A1	B	C		D	E		
1/2"	80	--	20	170	3,3	150	47,5	4,7	
3/8"	80	70	20	170	2,8	--	--	--	
1/4"	80	60	20	170	2,4	--	--	--	

VALVE CODES - ORDERING INFORMATION

P15.1 W N C 1 S . 015



NOTE : * 50 bar inlet available only with spring nr. 4.

**PRESSURE REDUCING VALVE
DIRECT ACTING
PRV 25 I – Stainless steel (CF8M)**

DESCRIPTION

The ADCA PRV25I series direct acting pressure reducing valves are designed for use on steam, compressed air and other gases.

They are suitable for reducing steam pressure at the point of use on laundry machines, dyeing, food industries, sterilizers, etc.

Connections are female screwed or flanged.

MAIN FEATURES

Compact design.

Bellows specially designed for high durability.

Built-in strainer.



OPTIONS:

Regulating screw with top cap.

USE:

Saturated steam, compressed air and other gases compatible with the construction.

AVAILABLE

MODELS:

PRV25 I – metal to metal seating

PRV25IG – soft valve

PRW25I – soft valve balanced

RECOMMENDED

APPLICATIONS :

PRV25I – steam and compressed air

PRV25IG – steam and compressed air where tight off is required

PRW25I – water, compressed air

SIZES:

1/2", 3/4", 1" ; DN15 ,DN 20 and DN 25.

CONNECTIONS:

Female screwed ISO7/1Rp(BS 21) .
Flanged DIN or ANSI.

INSTALLATION:

Horizontal installation.

An "Y" strainer should be provided upstream the valve.

See IMI, installation and maintenance instructions.



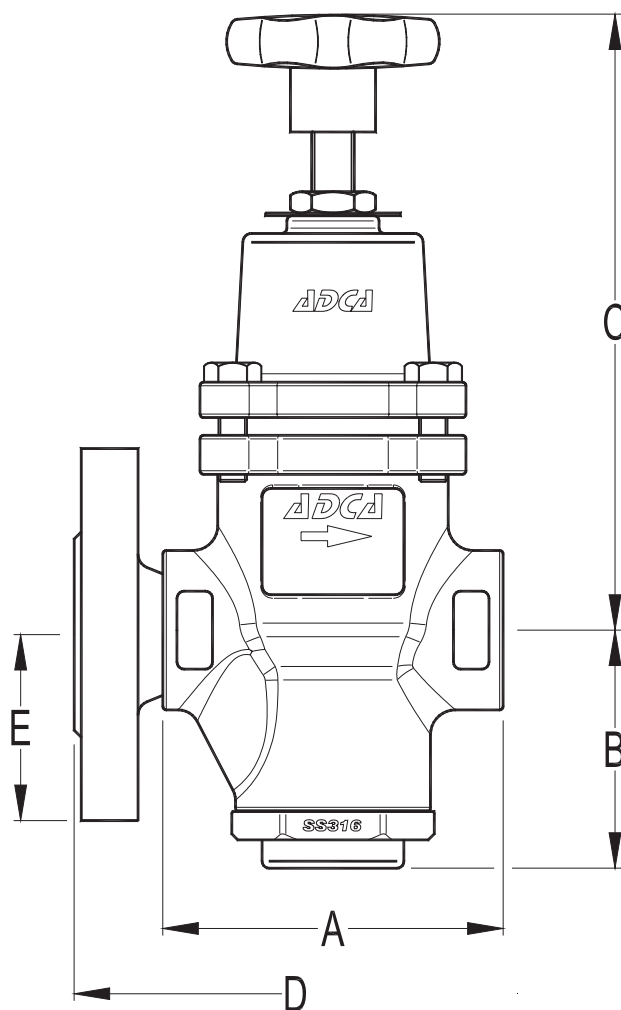
CE MARKING (PED - European Directive 97/23/EC)	
PN 25	Category
DN 15 to 25	SEP - art. 3, paragraph3

LIMITING CONDITIONS			
	PRV25I	PRV25IG	PRW25I
Body design conditions	PN25	PN25	PN25
Max.upstream pressure	17 bar	17 bar	14 bar
Max.downstream pressure	8,6 bar	8,6 bar	8,6 bar
Min.downstream pressure	0,14 bar	0,14 bar	0,35 bar
Max.design temperature	210°C	180°C	75°C
Max.cold hydraulic test	38 bar	38 bar	38 bar
Max.reducing ratio	10:1	10:1	10:1

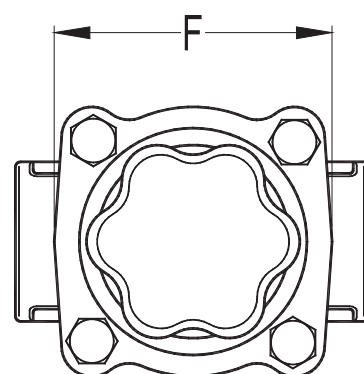
CAPACITIES (See selection table)			
Valve Size	15	20	25
KVs	1,7	2,6	3,1

PRESSURE RANGES				
Spring colour	Blue *	Yellow **	Green	Red
Red.Press. bar	0,35 - 1,7	0,14 - 1,7	1,4 - 4,0	3,5 - 8,6

*Applicable only on the PRW ; ** Appl.only on the PRV
Where control spring ranges overlap, always use the lower



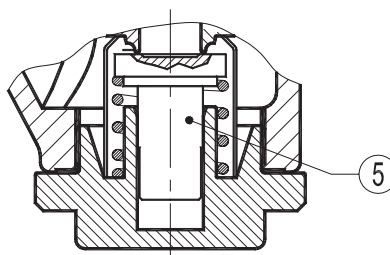
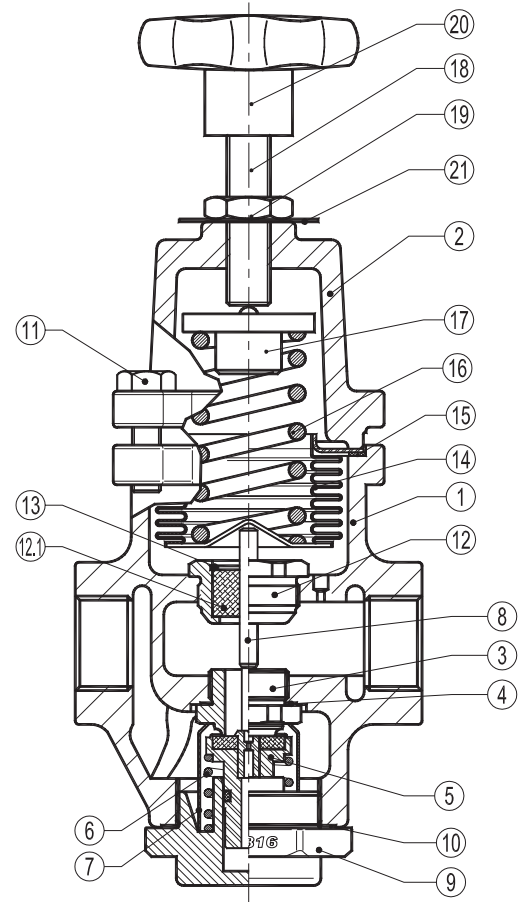
SIZE DN	DIMENSIONS (mm)-Screwed					DIN Flanges		
	A	B	C	F	WGT. Kgs	D	E	WGT. Kgs
1/2"	96	68,5	175	74	3	150	47,5	4,4
3/4"	96	68,5	175	74	3	150	52,5	5
1"	96	68,5	175	74	2,9	160	57,5	6



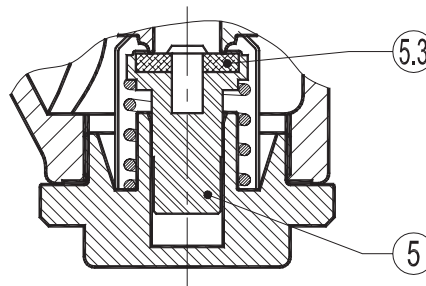
MATERIALS

POS.	DESIGNATION	MATERIAL
1	VALVE BODY	CF8M (1.4408)
2	COVER	CF8M (1.4308)
3	*SEAT	AISI 316 (1.4401)
4	*GASKET	COPPER
5	*VALVE	HARDENED ST. STEEL
5.1	*O-RING	NBR
5.2	*VALVE HEAD	NBR
5.3	*VALVE HEAD	PTFE/GRAPHITE
6	*VALVE RETURN SPRING	AISI 302 (1.4300)
7	*STRAINER SCREEN	AISI 304 (1.4301)
8	PUSHROD	AISI 316 (1.4401)
9	BOTTOM CAP	AISI 316 (1.4401)
10	*CAP GASKET	ST. ST./ GRAPHITE
11	COVER BOLTS	STAINLESS STEEL
12	GUIDE BUSH HOUSING	AISI 316 (1.4401)
12.1	*GUIDE BUSH	PTFE/GRAPHITE
13	*STOP RING	AISI 304 (1.4301)
14	*BELLOWS	AISI 316 TI (1.4571)
15	*BELLOWS GASKET	ST. ST./ GRAPHITE
16	*ADJUSTMENT SPRING	STEEL
17	TOP SPRING PLATE	BRASS /
18	ADJUSTMENT SCREW	AISI 304 (1.4301)
19	LOCKNUT	AISI 304 (1.4301)
20	HANDWHEEL	PLASTIC
21	SPRING IDENT. PLATE	ALUMINIUM

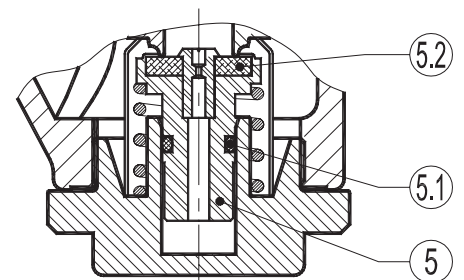
* Available spare parts.



PRV25I



PRV25IG



PRW25I



STEAM EQUIPMENT

STEAM CAPACITY TABLE
(Kg/h)

INLET bar	OUTLET bar	SAT. STEAM		
		DN15	DN20	DN25
2	0,2	33	53	64
	1,2	57	87	104
	1,6	38	59	71
3	0,3	45	70	83
	1,2	76	116	138
	2,2	61	93	111
4	2,6	46	70	83
	0,4	56	87	104
	1	66	102	121
5	2,5	95	145	173
	3,5	57	87	104
	0,5	68	105	125
6	2	91	139	166
	3	114	174	208
	4	85	130	155
7	0,6	79	122	145
	2	106	162	194
	3	133	203	243
8	4	120	184	219
	0,7	91	139	167
	2	121	185	222
9	3,5	152	232	277
	5	132	201	240
	0,8	102	157	187
10	2	137	210	250
	3,5	171	262	312
	5	161	247	294
11	6	142	217	259
	0,9	114	174	208
	2,5	133	203	242
12	4	152	233	277
	5	190	291	347
	7	152	232	277
13	1	125	192	228
	3	146	224	266
	4	167	256	305
14	6	209	320	381
	8	161	247	294
	1,1	136	210	249
15	3	182	280	333
	6	228	350	416
	8	198	302	360
16	8,6	182	279	331
	1,2	148	227	270
	3	197	302	360
17	6	247	378	451
	8	228	349	416
	8,6	217	332	396
18	1,3	159	244	291
	4	186	284	340
	6	212	325	388
19	7	266	407	486
	8,6	246	378	451
	1,5	182	259	321
20	4	212	302	374
	6	243	345	427
	8	304	433	536
21	8,6	298	426	512
	1,7	205	279	333
	4	238	325	386
22	6	273	372	441
	8	342	465	555
	8,6	339	449	541

COMPRESSED AIR CAPACITY TABLE
(Nm3/h-0°C-1,013bar)

INLET bar	OUTLET bar	COMPRESSED AIR		
		DN15	DN20	DN25
2	0,2	45	72	86
	1,2	77	117	140
	1,6	51	80	96
3	0,3	61	95	112
	1,2	103	157	186
	2,2	82	126	150
4	2,6	62	95	112
	0,4	76	117	140
	1	89	138	163
5	2,5	128	196	234
	3,5	77	117	140
	0,5	92	142	169
6	2	123	188	224
	3	154	235	281
	4	115	176	209
7	0,6	107	165	196
	2	143	219	262
	3	180	274	328
8	4	162	248	296
	0,7	123	188	225
	2	163	250	300
9	3,5	205	313	374
	5	178	271	324
	0,8	138	212	252
10	2	185	284	338
	3,5	231	354	421
	5	217	333	397
11	6	192	293	350
	0,9	154	235	281
	2,5	180	274	327
12	4	205	315	374
	5	257	393	468
	7	205	313	374
13	1	169	259	308
	3	197	302	359
	4	225	346	412
14	6	282	432	514
	8	217	333	397
	1,1	184	284	336
15	3	246	378	450
	6	308	473	562
	8	267	408	486
16	8,6	246	377	447
	1,2	200	306	365
	3	266	408	486
17	6	333	510	609
	8	308	471	562
	8,6	293	448	535
18	1,3	215	329	393
	4	251	383	459
	6	286	439	524
19	7	359	549	656
	8,6	332	510	609
	1,5	246	350	433
20	4	286	408	505
	6	328	466	576
	8	410	585	724
21	8,6	402	575	691
	1,7	277	377	450
	4	321	439	521
22	6	369	502	595
	8	462	628	749
	8,6	458	606	730

WATER CAPACITY TABLE
(m3/h)

D.P. bar	WATER		
	DN15	DN20	DN25
1,5	2,1	3,18	3,8
2	2,4	3,67	4,38
3	2,95	4,5	5,37
4	3,4	5,2	6,2
5	3,8	5,8	6,93
6	4,16	6,36	7,6
8	4,8	7,35	8,75
12	5,8	9	10,7

**PRESSURE REDUCING VALVE
DIRECT ACTING
PRV 25/2 S – Forged steel body**

DESCRIPTION

The ADCA PRV25/2S series direct acting pressure reducing valves are designed for use on steam, compressed air and other gases.

They are suitable for reducing steam pressure at the point of use on laundry machines, dyeing, food industries, sterilizers, etc.

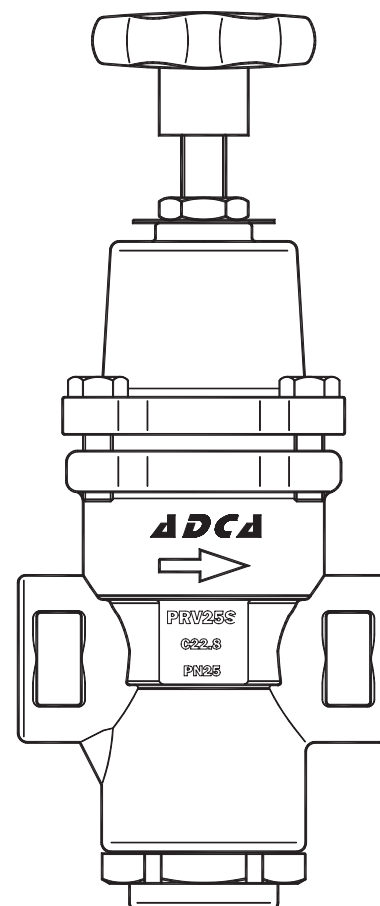
Connections are female screwed or flanged.

MAIN FEATURES

Compact design.

Bellows specially designed for high durability.

Built-in strainer.



OPTIONS: Regulating screw with top cap.

USE: Saturated steam, compressed air and other gases compatible with the construction.

AVAILABLE MODELS:
PRV25/2S – metal to metal seating
PRV25/2SG – soft valve
PRW25/2S – soft valve balanced

RECOMMENDED APPLICATIONS :
PRV25/2S – steam and compressed air
PRV25/2SG – steam and compressed air where tight off is required
PRW25/2S – water, compressed air

SIZES: 1/2", 3/4", 1" ; DN15 ,DN 20 and DN 25.

CONNECTIONS: Female screwed ISO7/1Rp(BS 21) .
Flanged DIN or ANSI.

INSTALLATION: Horizontal installation.
An "Y" strainer should be provided upstream the valve.
See IMI, installation and maintenance instructions.

CE MARKING (PED - European Directive 97/23/EC)	
PN 25	Category
DN 15 to 25	SEP - art. 3, paragraph3

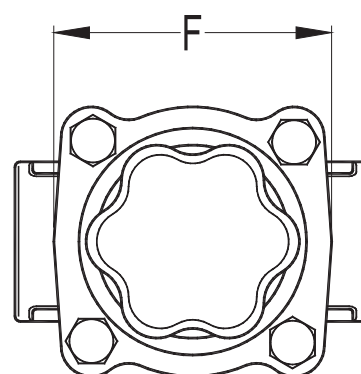
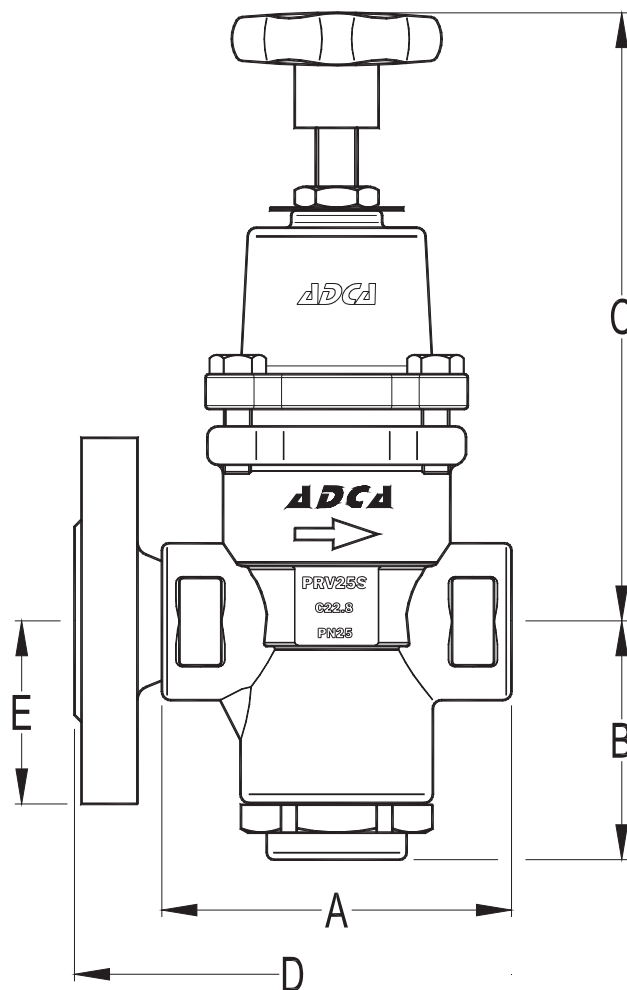
LIMITING CONDITIONS			
	PRV25/2S	PRV25/2SG	PRW25/2S
Body design conditions	PN25	PN25	PN25
Max.upstream pressure	17 bar	17 bar	14 bar
Max.downstream pressure	8,6 bar	8,6 bar	8,6 bar
Min.downstream pressure	0,14 bar	0,14 bar	0,35 bar
Max.design temperature	210°C	180°C	75°C
Max.cold hydraulic test	38 bar	38 bar	38 bar
Max.reducing ratio	10:1	10:1	10:1

CAPACITIES (See selection table)			
Valve Size	15	20	25
KVs	1,7	2,6	3,1

PRESSURE RANGES				
Spring colour	Blue *	Yellow **	Green	Red
Red.Press. bar	0,35 - 1,7	0,14 - 1,7	1,4 - 4,0	3,5 - 8,6

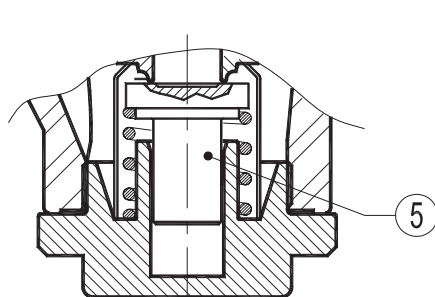
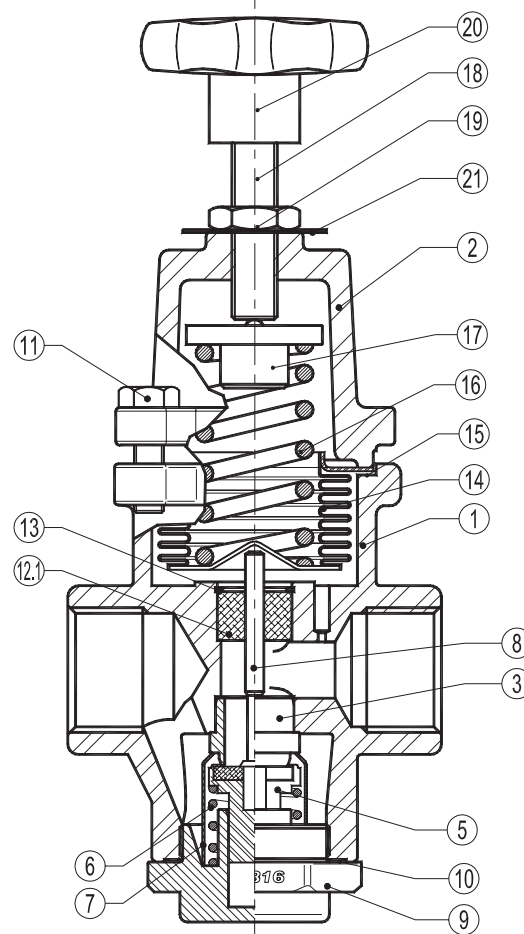
*Applicable only on the PRW ; ** Appl.only on the PRV
Where control spring ranges overlap, always use the lower

SIZE DN	DIMENSIONS (mm)-Screwed					DIN Flanges		
	A	B	C	F	WGT. Kgs	D	E	WGT. Kgs
1/2"	90	65	175	74	2,7	150	47,5	4,2
3/4"	90	65	175	74	2,7	150	52,5	4,8
1"	100	65	175	74	3	160	57,5	6

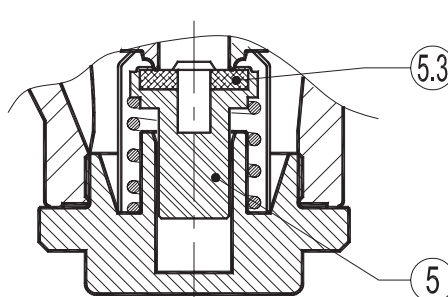


MATERIALS		
POS.	DESIGNATION	MATERIAL
1	VALVE BODY	P250GH (1.0460)
2	COVER	GJS400-15 (0.7040)
3	SEAT	AISI 316 (1.4401)
4	-	-
5	*VALVE	HARDENED ST. STEEL
5.1	*O-RING	NBR
5.2	*VALVE HEAD	NBR
5.3	*VALVE HEAD	PTFE/GRAPHITE
6	*VALVE RETURN SPRING	AISI 302 (1.4300)
7	*STRAINER SCREEN	AISI 304 (1.4301)
8	PUSHROD	AISI 316 (1.4401)
9	BOTTOM CAP	A105 (1.0432)
10	*CAP GASKET	ST.ST./ GRAPHITE
11	COVER BOLTS	STEEL 8.8
12	-	-
12.1	*GUIDE BUSH	PTFE/GRAPHITE
13	*STOP RING	AISI 304 (1.4301)
14	*BELLOWS	AISI 316 TI (1.4571)
15	*BELLOWS GASKET	ST.ST./ GRAPHITE
16	*ADJUSTMENT SPRING	STEEL
17	TOP SPRING PLATE	BRASS
18	ADJUSTMENT SCREW	AISI 304 (1.4301)
19	LOCKNUT	AISI 304 (1.4301)
20	HANDWHEEL	PLASTIC
21	SPRING IDENT.PLATE	ALUMINIUM

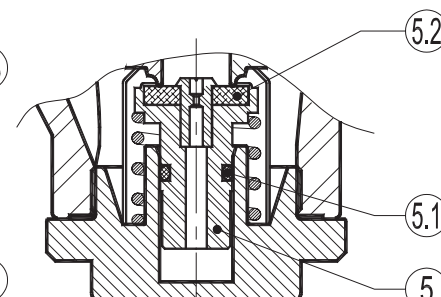
* Available spare parts.



PRV25/2S



PRV25/2SG



PRW25/2S



STEAM EQUIPMENT

STEAM CAPACITY TABLE
(Kg/h)

INLET bar	OUTLET bar	SAT. STEAM		
		DN15	DN20	DN25
2	0,2	33	53	64
	1,2	57	87	104
	1,6	38	59	71
3	0,3	45	70	83
	1,2	76	116	138
	2,2	61	93	111
4	2,6	46	70	83
	0,4	56	87	104
	1	66	102	121
5	2,5	95	145	173
	3,5	57	87	104
	0,5	68	105	125
6	2	91	139	166
	3	114	174	208
	4	85	130	155
7	0,6	79	122	145
	2	106	162	194
	3	133	203	243
8	4	120	184	219
	0,7	91	139	167
	2	121	185	222
9	3,5	152	232	277
	5	132	201	240
	0,8	102	157	187
10	2	137	210	250
	3,5	171	262	312
	5	161	247	294
11	6	142	217	259
	0,9	114	174	208
	2,5	133	203	242
12	4	152	233	277
	5	190	291	347
	7	152	232	277
13	1	125	192	228
	3	146	224	266
	4	167	256	305
14	6	209	320	381
	8	161	247	294
	1,1	136	210	249
15	3	182	280	333
	6	228	350	416
	8	198	302	360
16	8,6	182	279	331
	1,2	148	227	270
	3	197	302	360
17	6	247	378	451
	8	228	349	416
	8,6	217	332	396
18	1,3	159	244	291
	4	186	284	340
	6	212	325	388
19	7	266	407	486
	8,6	246	378	451
	1,5	182	259	321
20	4	212	302	374
	6	243	345	427
	8	304	433	536
21	8,6	298	426	512
	1,7	205	279	333
	4	238	325	386
22	6	273	372	441
	8	342	465	555
	8,6	339	449	541

COMPRESSED AIR CAPACITY TABLE
(Nm3/h-0°C-1,013bar)

INLET bar	OUTLET bar	COMPRESSED AIR		
		DN15	DN20	DN25
2	0,2	45	72	86
	1,2	77	117	140
	1,6	51	80	96
3	0,3	61	95	112
	1,2	103	157	186
	2,2	82	126	150
4	2,6	62	95	112
	0,4	76	117	140
	1	89	138	163
5	2,5	128	196	234
	3,5	77	117	140
	0,5	92	142	169
6	2	123	188	224
	3	154	235	281
	4	115	176	209
7	0,6	107	165	196
	2	143	219	262
	3	180	274	328
8	4	162	248	296
	0,7	123	188	225
	2	163	250	300
9	3,5	205	313	374
	5	178	271	324
	0,8	138	212	252
10	2	185	284	338
	3,5	231	354	421
	5	217	333	397
11	6	192	293	350
	0,9	154	235	281
	2,5	180	274	327
12	4	205	315	374
	5	257	393	468
	7	205	313	374
13	1	169	259	308
	3	197	302	359
	4	225	346	412
14	6	282	432	514
	8	217	333	397
	1,1	184	284	336
15	3	246	378	450
	6	308	473	562
	8	267	408	486
16	8,6	246	377	447
	1,2	200	306	365
	3	266	408	486
17	6	333	510	609
	8	308	471	562
	8,6	293	448	535
18	1,3	215	329	393
	4	251	383	459
	6	286	439	524
19	7	359	549	656
	8,6	332	510	609
	1,5	246	350	433
20	4	286	408	505
	6	328	466	576
	8	410	585	724
21	8,6	402	575	691
	1,7	277	377	450
	4	321	439	521
22	6	369	502	595
	8	462	628	749
	8,6	458	606	730

WATER CAPACITY TABLE
(m3/h)

D.P. bar	WATER		
	DN15	DN20	DN25
1,5	2,1	3,18	3,8
2	2,4	3,67	4,38
3	2,95	4,5	5,37
4	3,4	5,2	6,2
5	3,8	5,8	6,93
6	4,16	6,36	7,6
8	4,8	7,35	8,75
12	5,8	9	10,7

**PRESSURE REDUCING VALVE
DIAPHRAGM SENSING
PRV 30 DN 1”1/2-DN2”**

DESCRIPTION

The ADCA PRV30 series **direct acting, springloaded diaphragm sensing, balanced valve** pressure reducing valves, are designed for use on compressed air, water and other gases or liquids compatible with the materials of construction.

They are suitable for pressure reducing stations at the point of use on laundry machines, dyeing, food industries, sterilizers, etc.

Connections are female screwed or flanged.

MAIN FEATURES

Compact design.

Balanced valve.

Machined from barstock materials.

OPTIONS:

- Different soft valves for water and gases.
- Relieving-Internal relief valve to allow reduce outlet pressure in a no-flow condition.
- Built-in strainer.
- Outlet 1/4" gauge connection on body.
- Regulating screw with top cap.

USE:

Compressed air, water and other gases and liquids compatible with the construction.

AVAILABLE MODELS:

PRV30/SS – Stainless steel.

SIZES:

DN 1 1/2", 2" - DN 40, DN 50.

CONNECTIONS:

Female screwed ISO7/1Rp(BS 21) or NPT. Flanged DIN. Special flanges upon request.

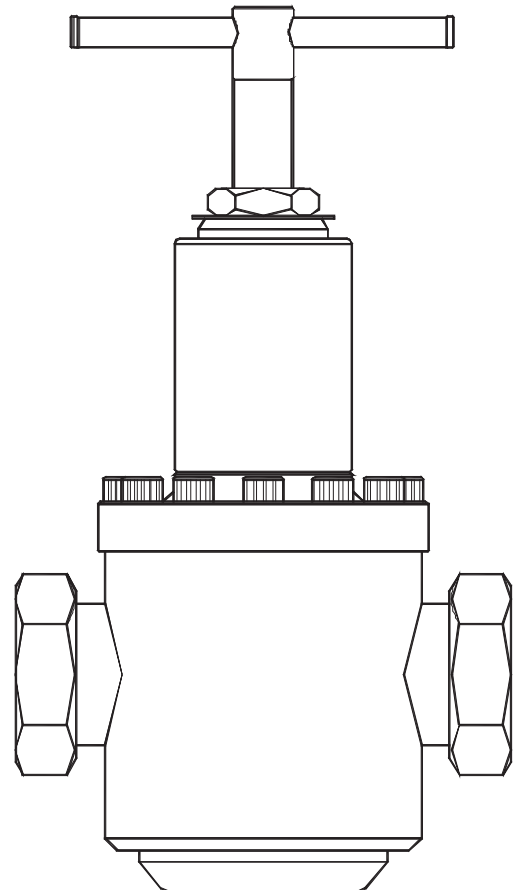
INSTALLATION:

Horizontal installation.
An "Y" strainer should be provided upstream the valve.
See IMI, installation and maintenance instructions.

LIMITING CONDITIONS :

Body design conditions : PN 16 - PN 63
Maximum upstream pressure : 50 bar
Maximum downstream pressure : 15 bar
Minimum downstream pressure : 0,2 bar
Maximum design temperature : 260 °C
(Limited to the materials used)

Kvs : 12,5 m3/h



MATERIALS :

Body and Springhousing : stainless steel .
Internals : stainless steel
Valve seals : stainless steel, teflon, viton, etc

ORDER REQUIREMENTS :

Type of fluid
Maximum operating temperature
Inlet pressure and required outlet pressure
Capacity (maximum and minimum).

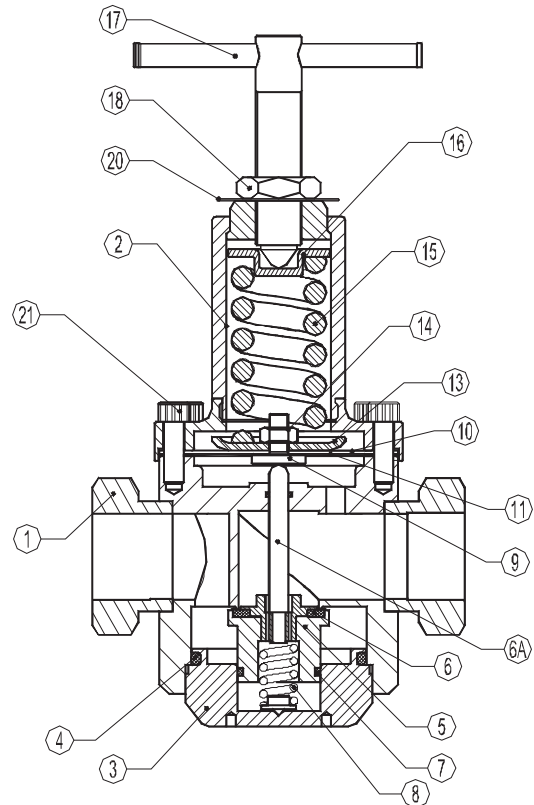
CE MARKING (PED - European Directive 97/23/EC)	
PN	Category
PN 16	SEP - art. 3, paragraph 3
PN 25 - 63	1 (CE Marked)

Different conditions available on request.

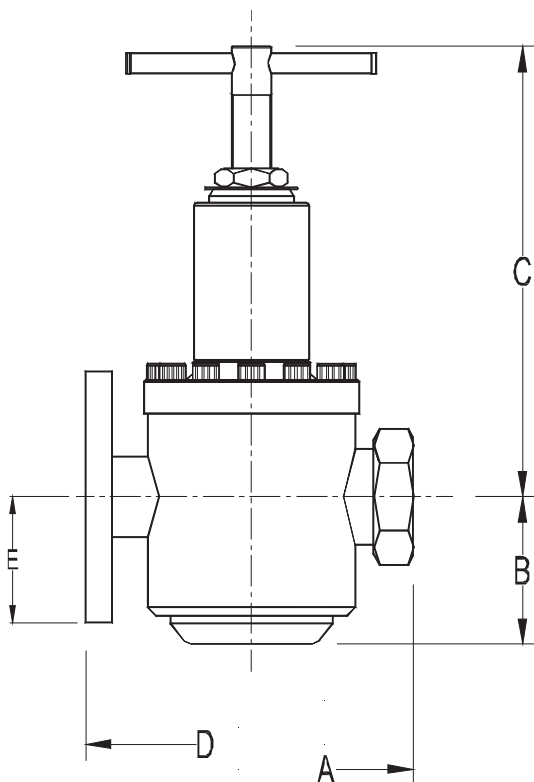
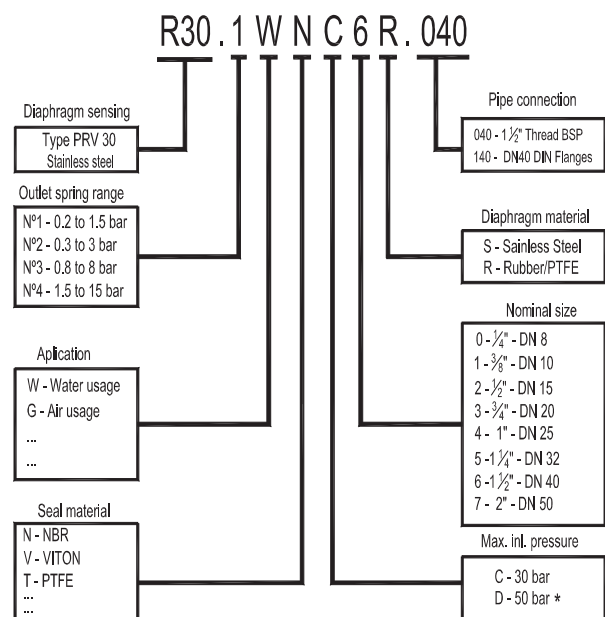
MATERIALS		
POS.	DESIGNATION	MATERIAL
1	BODY	STAINLESS STEEL
2	TOP COVER	STAINLESS STEEL
3	SEAT COVER	STAINLESS STEEL
4 *	O-RING	NBR
5 *	PISTON VALVE	ST.ST. AISI 304
6 *	VALVE HEAD	NBR/EPDM/VITON/...
6A	PUSHROD	ST.STEEL
7 *	O-RING	NBR/EPDM/VITON/...
8 *	VALVE SPRING	ST.STEEL
9	PUSHER DISC	ST.STEEL
10 *	DIAPHRAGM	TEFLON
11 *	DIAPHRAGM	NBR
13	SPRING PLATE	STEEL
14	NUT	ST.STEEL
15 *	ADJUSTMENT SPRING	STEEL
16	TOP SPRING PLATE	BRASS
17	ADJUSTMENT SCREW	ST.ST. AISI 304
18	LOCKNUT	ST.ST. AISI 304
20	SPRING IDENT. PLATE	ALUMINIUM
21	BOLTS	STAINLESS STEEL

*Available spare parts.

Remarks : All valves has a serial number . In case of no-standard valves this number must be supplied if spare parts are ordered .


DIMENSIONS (mm)

DN	SCREWED ENDS				DIN FLANGES		
	A	B	C	Kg	D	E	Kg
11/2"	195	90	270	13	200	75	17,8
2"	205	90	270	13,4	230	82,5	18,5


VALVES CODES - ORDERING INFORMATION


NOTE : * 50 bar inlet available only with spring nr. 4.

PRESSURE REDUCING VALVE PISTON SENSING PRV 31 DN 1/2" - 3/4"

DESCRIPTION

The ADCA PRV31 series **direct acting, springloaded piston sensing, balanced valve** pressure reducing valves, are designed for use on compressed air, water and other gases or liquids compatible with the materials of construction.

They are suitable for pressure reducing stations at the point of use on laundry machines, dyeing, food industries, sterilizers, etc.

Connections are female screwed or flanged.

MAIN FEATURES

Compact design.

Balanced valve.

Machined from barstock materials.

OPTIONS:

- Different soft valves for water and gases.
- Relieving-Internal relief valve to allow reduce outlet pressure in a no-flow condition.
- Built-in strainer.
- Outlet 1/4" gauge connection on body.
- Regulating screw with top cap.

USE: Compressed air, water and other gases and liquids compatible with the construction.

AVAILABLE MODELS: PRV31/SS – Stainless steel.

SIZES:

DN 1/2" - DN 3/4"
DN 15 - DN 20

CONNECTIONS: Female screwed ISO7/1Rp(BS 21) or NPT. Flanged DIN.

Special flanges upon request.

INSTALLATION: Horizontal installation.

An "Y" strainer should be provided upstream the valve.

See IMI, installation and maintenance instructions

LIMITING CONDITIONS :

Body design conditions : PN 16 - PN 63

Maximum upstream pressure : 50 bar

Maximum downstream pressure : 50 bar

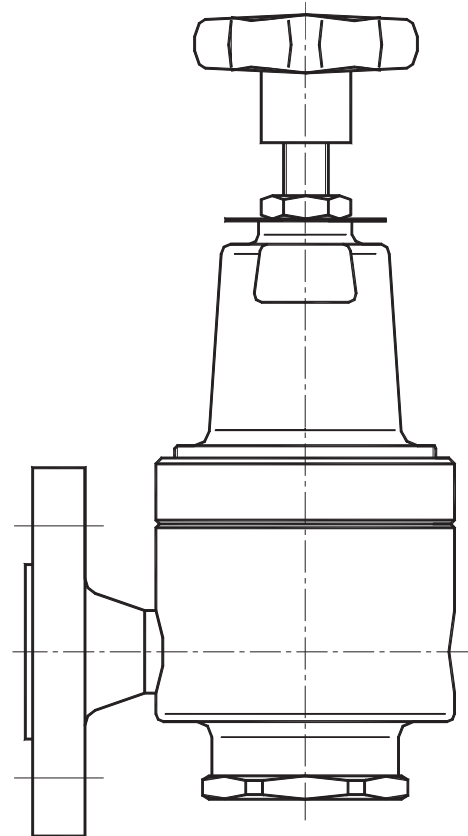
Minimum downstream pressure : 3 bar

Maximum design temperature : 260 °C

Kvs : DN15 3 m³/h

DN20 3,5 m³/h

Different conditions available on request.



MATERIALS :

Body and Springhousing : stainless steel.

Internals : stainless steel

Valve seals : stainless steel, teflon, viton, etc

ORDER REQUIREMENTS :

Type of fluid

Maximum operating temperature

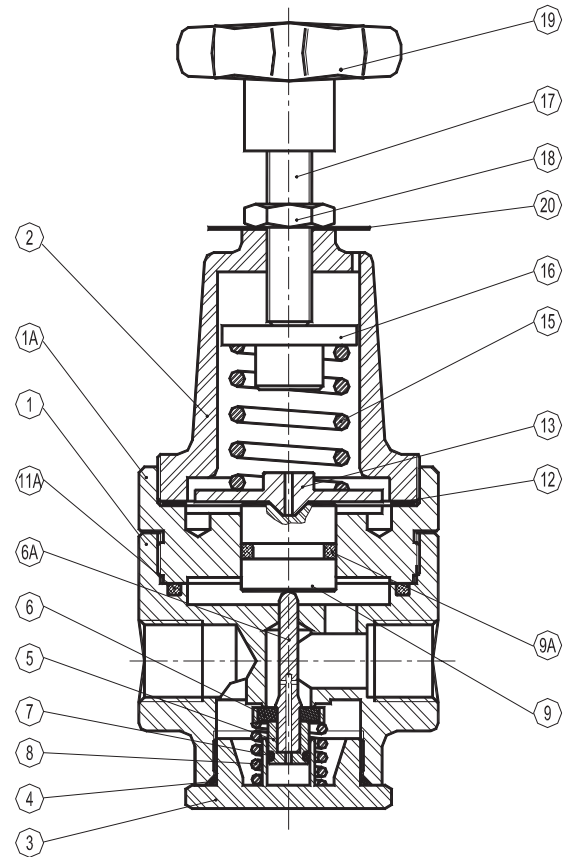
Inlet pressure and required outlet pressure

Capacity (maximum and minimum).

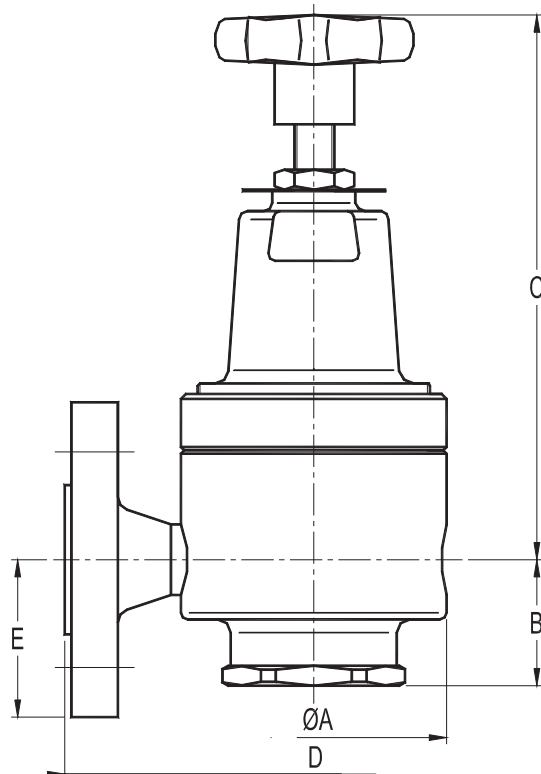
MATERIALS		
POS.	DESIGNATION	MATERIAL
1	BODY	STAINLESS STEEL
2	TOP COVER	STAINLESS STEEL
3	SEAT COVER	STAINLESS STEEL
4 *	O-RING	NBR
5 *	PISTON VALVE	ST.ST. AISI 304
6 *	VALVE HEAD	NBR
6A	PUSHROD	ST. STEEL
7 *	O-RING	NBR
8 *	VALVE SPRING	ST. STEEL
8A*	STRAINER SCREEN	ST.ST. AISI 304
9	PISTON	ST. STEEL
9A	O-RING	NBR
11A	O-RING	NBR
12	GASKET	ALUMINIUM
13	SPRING PLATE	STEEL
15 *	ADJUSTMENT SPRING	STEEL
16	TOP SPRING PLATE	BRASS
17	ADJUSTMENT SCREW	ST.ST. AISI 304
18	LOCKNUT	ST.ST. AISI 304
19	HANDWHEEL	PLASTIC
20	SPRING IDENT. PLATE	ALUMINIUM

*Available spare parts.

Remarks : All valves has a serial number . In case of no-standard valves this number must be supplied if spare parts are ordered .


DIMENSIONS (mm)

DN	SCREWED ENDS			Kg	DIN FLANGES		
	A	B	C		D	E	Kg
1/2"	80	38	160	2,6	150	47,5	4
3/4"	80	38	160	2,6	150	52,5	4,6


VALVE CODES - ORDERING INFORMATION
