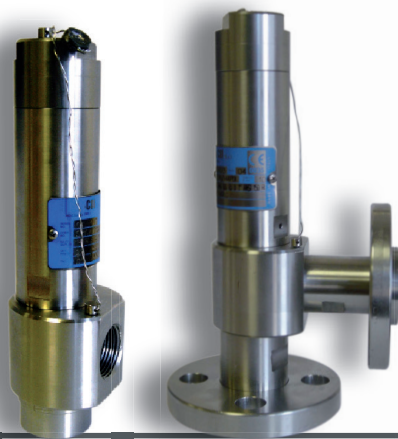


GLV SERIES

PRESSURE
RELIEF VALVES



GLV SERIES

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ST. STEEL VERSION

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PLASTIC VERSION

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ACCESSORIES

Accessories / Code description	Page	22 - 23
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Relief Valves GLV-Series are spring loaded pressure relieving devices, suitable for discharge of incompressible fluids. GLV-series relief valves are used to protect personnel, equipment and environment by preventing excessive pressure accumulation.

Coi Technology offers a large range of screwed and flanged valves in a variety of sizes, materials and options. The valves are of a full nozzle type and available in Steel or plastic versions.

Application

- Chemical plants
- Petrochemical plants
- Dosing systems
- Injections skids
- Metering pumps
- Water treatment and desalination plants
- Cryogenic plants (liquefied gases)

Materials

AISI 316L, Inconel, Alloy 20, Hastelloy C276, Titanium, Duplex, Super duplex, Monel, Brass, Al. Bronze, other exotic materials are available.

Accessories

- Balancing / isolating bellows in PTFE, AISI 316L, Inconel, Hastelloy
- Lifting packed lever, Test gag, heating jacket

Design

- Construction: Angle-type
- Seat sealing type: PTFE, PEEK, Metal to Metal, Viton, Kalrez, EPDM
- Connections: Screwed and flanged (ASME / DIN)
- Connections types: NPT, BSPP
- Flange ratings: ASME 150 ÷ 2500 / PN16 ÷ PN 400
- Sizes: 1/2" ÷ 2" / DN 15 ÷ DN 50
- Orifices: 4, 6, 8, 10, 14, 20, 25, 30 mm
- Characteristic: Full lift
- Overpressure: 10%
- Blowdown: 15%
- Discharge coeff. Kd: 0.7
- Temperature range: - 196°C + 350°C
- Set pressure range: 0.5 ÷ 1200 barg
- Design standard: UNI EN ISO 4126-1

Approvals

- CE marking according to the dir. 2014/68/EU
- 2014/34/EU (ATEX)
- EAC (EurAsian Conformity mark (EAC, Russian: Евразийское соответствие)

TYPE "A"

CHARACTERISTICS

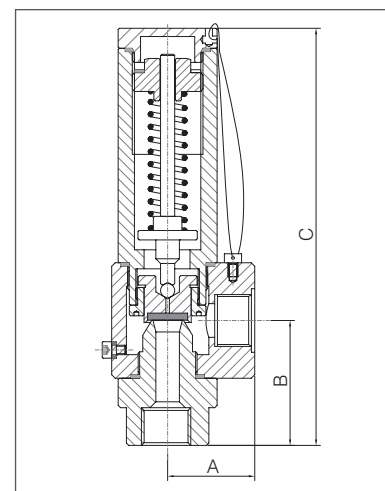
Orifice $\varnothing$ / mm	6	8	10	
Discharge area / cm ²	0.28	0.504	0.785	
Pressure range / bar	0.5 ÷ 690	0.5 ÷ 250	0.5 ÷ 110	

INLET CONNECTIONS

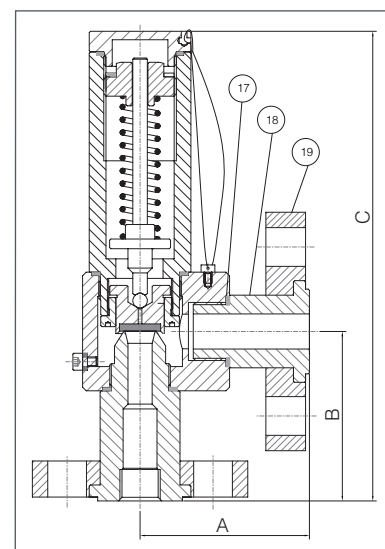
Threaded	1/2" - 3/4"	NPT / GAS		
Flanged / ASME	1/2" - 3/4"	150# ÷ 2500#	RF / RTJ	
Flanged / DIN	DN15/DN20	PN16 ÷ PN400		

OUTLET CONNECTIONS

Threaded	1/2" - 3/4"	NPT / GAS		
Flanged / ASME	1/2" - 3/4"	150# ÷ 600#	RF	
Flanged / DIN	DN15/DN20	PN16 ÷ PN40		

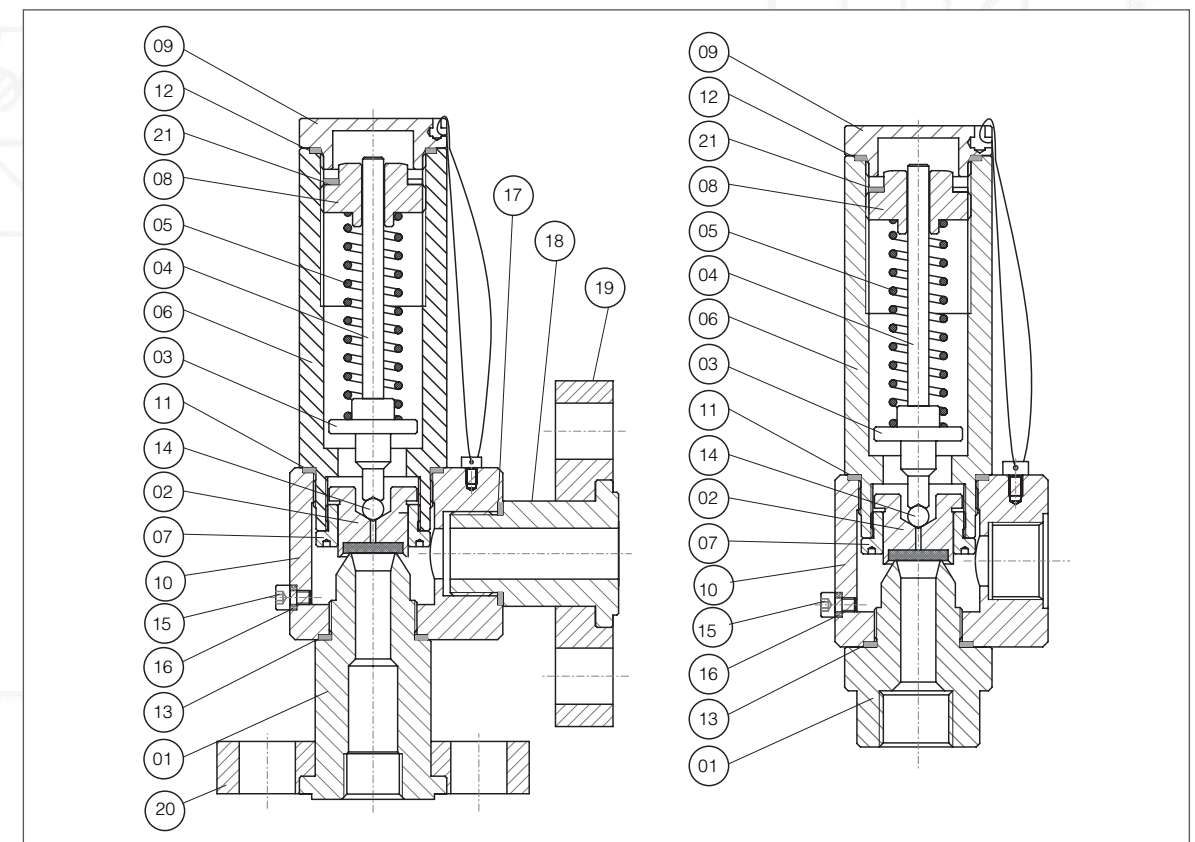


CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1/2"	NPT-F / GAS-F	37	53	177	2,5
3/4" x 3/4"	NPT-F / GAS-F	37	53	177	2,5



CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1/2"	ASME 150÷300 x 150÷300	70	70	194	4,0
	ASME 600 x 600	85	85	209	4,0
	ASME 900÷1500 x 150÷600	85	100	224	6,0
	ASME 2500 x 150÷600	85	100	224	7,0
3/4" x 3/4"	ASME 150÷600 x 150÷600	85	85	209	4,5
	ASME 900÷1500 x 150÷600	100	100	224	6,5
	ASME 2500 x 150÷600	100	105	229	7,5
DN15 x DN15	PN 16÷40 x 16÷40	70	70	194	4,0
	PN 63÷320 x 16÷40	85	100	224	6,0
	PN 400 x 16÷40	85	100	224	7,0
DN20 x DN20	PN 16÷40 x 16÷40	85	85	209	4,5
	PN 63÷320 x 16÷40	100	100	224	6,5
	PN 400 x 16÷40	100	105	229	7,5

MATERIALS



PART NAME		MATERIAL CODE			
		011	072	012	095
01	NOZZLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
02	DISC	AISI 316L/PTFE	AISI 316L/PTFE	AISI 316L/PEEK	AISI 316L/PEEK
03	LOWER WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
04	STEM	AISI 316L	AISI 316L	AISI 316L	AISI 316L
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
07	GUIDE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
08	SET SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
09	CAP	AISI 316L	AISI 316L	AISI 316L	AISI 316L
10	BODY	AISI 316L	AISI 316L	AISI 316L	AISI 316L
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	BALL	AISI 316	AISI 316	AISI 316	AISI 316
15	SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	GASKET	PTFE	PTFE	PTFE	PTFE
18	NIPPLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
19	OUTLET FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316
20	INLET FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316
21	SEGER	AISI 316L	AISI 316L	AISI 316L	AISI 316L

TYPE "B"

MATERIALS

CHARACTERISTICS

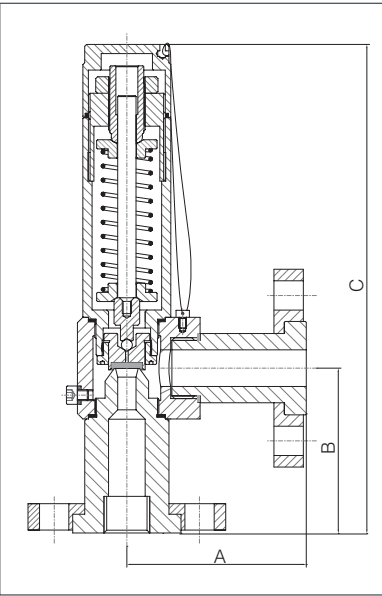
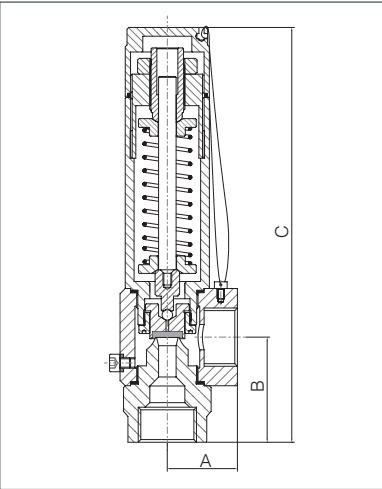
Orifice $\varnothing$ / mm	6	8	10	14
Discharge area / cm ²	0.28	0.504	0.785	1.54
Pressure range / bar	0.5 ÷ 690	0.5 ÷ 410	0.5 ÷ 130	0.5 ÷ 65

INLET CONNECTIONS

Threaded	1/2" - 3/4" - 1"	NPT / GAS		
Flanged / ASME	1/2" - 3/4" - 1"	150# ÷ 2500#	RF / RTJ	
Flanged / DIN	DN15/DN25	PN16 ÷ PN400		

OUTLET CONNECTIONS

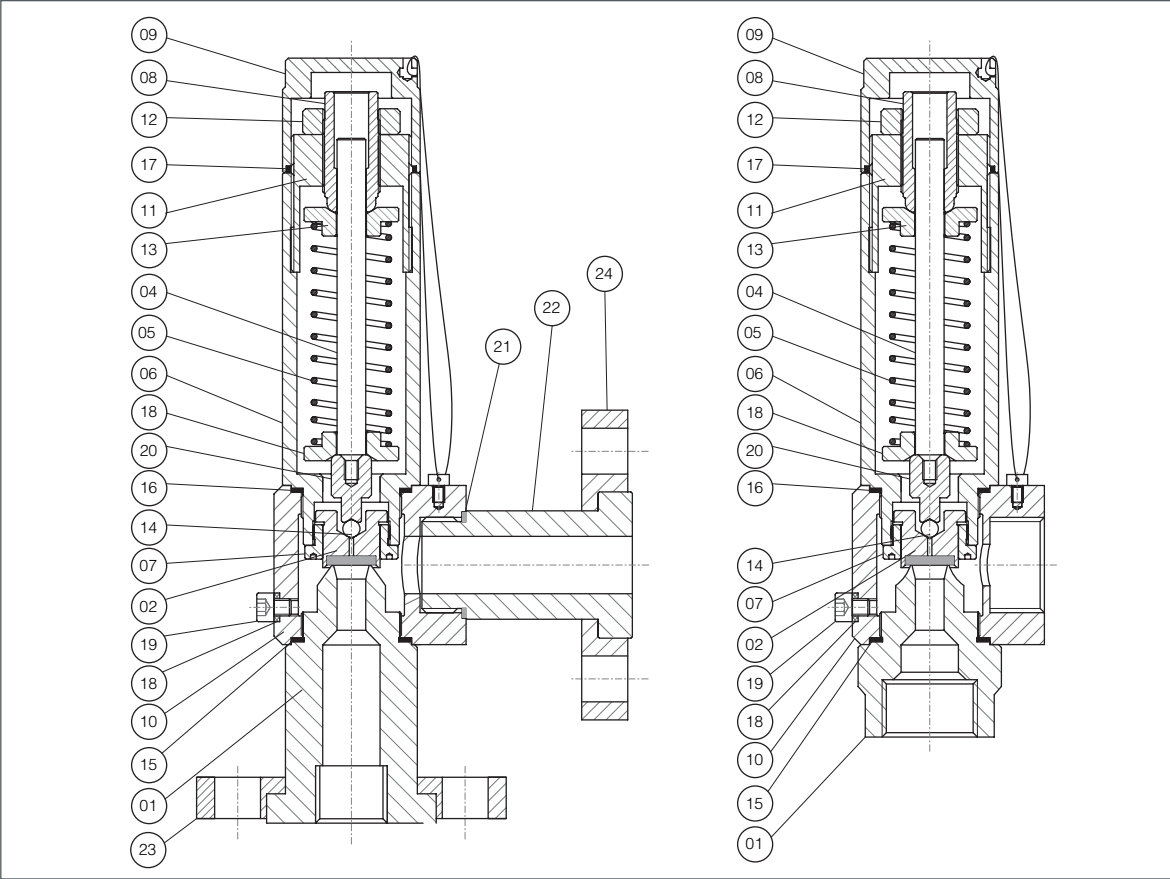
Threaded	1"	NPT / GAS		
Flanged / ASME	1"	150# ÷ 600#	RF	
Flanged / DIN	DN25	PN16 ÷ PN40		



CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1"	NPT-F / GAS-F	37/42*	60	237	3,5
3/4" x 1"	NPT-F / GAS-F	37/42*	60	237	3,5
1" x 1"	NPT-F / GAS-F	37/42*	60	237	3,5

* Orifice. 10/14 mm

CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1"	ASME 150÷600 x 150÷600	98	90	267	5,5
	ASME 900÷1500 x 150÷600	98	115	292	7,0
	ASME 2500 x 150÷600	98	115	292	8,0
3/4" x 1"	ASME 150÷600 x 150÷600	98	90	267	5,5
	ASME 900÷1500 x 150÷600	98	115	292	7,0
	ASME 2500 x 150÷600	98	115	292	8,0
1" x 1"	ASME 150÷600 x 150÷600	98	90	267	5,5
	ASME 900÷1500 x 150÷600	98	115	292	7,0
	ASME 2500 x 150÷600	98	115	292	8,0
DN15 x DN25	PN 16÷40 x 16÷40	98	90	267	5,5
	PN 63÷320 x 16÷40	98	115	292	7,0
	PN 400 x 16÷40	98	115	292	8,0
DN20 x DN25	PN 16÷40 x 16÷40	98	90	267	5,5
	PN 63÷320 x 16÷40	98	115	292	7,0
	PN 400 x 16÷40	98	115	292	8,0
DN25 x DN25	PN 16÷40 x 16÷40	98	90	267	5,5
	PN 63÷320 x 16÷40	98	115	292	7,0
	PN 400 x 16÷40	98	115	292	8,0



PART NAME		MATERIAL CODE			
		011	072	012	095
01	NOZZLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
02	DISC	AISI 316L/PTFE	AISI 316L/PTFE	AISI 316L/PEEK	AISI 316L/PEEK
03	LOWER WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
04	STEM	AISI 316L	AISI 316L	AISI 316L	AISI 316L
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
07	GUIDE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
08	SET SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
09	CAP	AISI 316L	AISI 316L	AISI 316L	AISI 316L
10	BODY	AISI 316L	AISI 316L	AISI 316L	AISI 316L
11	PRE SETT. SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
12	NUT	AISI 316L	AISI 316L	AISI 316L	AISI 316L
13	WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
14	BALL	AISI 316	AISI 316	AISI 316	AISI 316
15	GASKET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	GASKET	PTFE	PTFE	PTFE	PTFE
18	GASKET	PTFE	PTFE	PTFE	PTFE
19	DRAIN SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
20	PIN	AISI 316L	AISI 316L	AISI 316L	AISI 316L
21	GASKET	PTFE	PTFE	PTFE	PTFE
22	NIPPLE	AISI 316L	AISI 316	CARBON STEEL	AISI 316
23	FLANGE	CARBON STEEL	AISI 316L	CARBON STEEL	AISI 316
24	FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316

TYPE "C"

CHARACTERISTICS

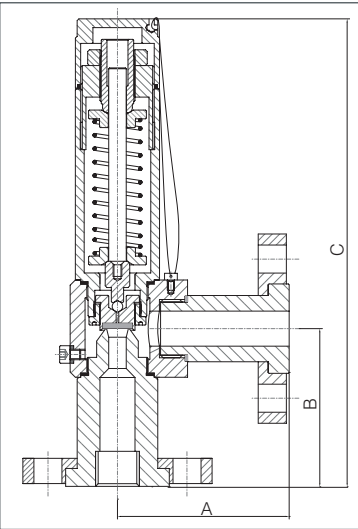
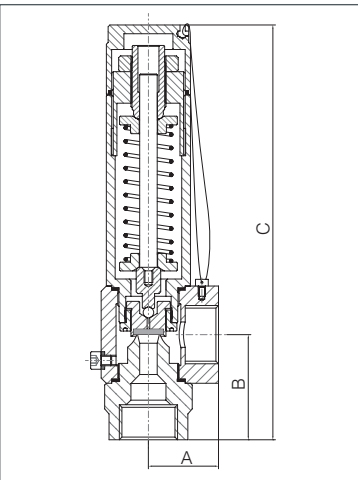
Orifice $\varnothing$ / mm	8	10	14	
Discharge area / cm ²	0.504	0.785	1.54	
Pressure range / bar	0.5 ÷ 415	0.5 ÷ 220	0.5 ÷ 65	

INLET CONNECTIONS

Threaded	1" - 1 1/2"	NPT / GAS		
Flanged / ASME	1" - 1 1/2"	150# ÷ 2500#	RF / RTJ	
Flanged / DIN	DN25/DN40	PN16 ÷ PN400		

OUTLET CONNECTIONS

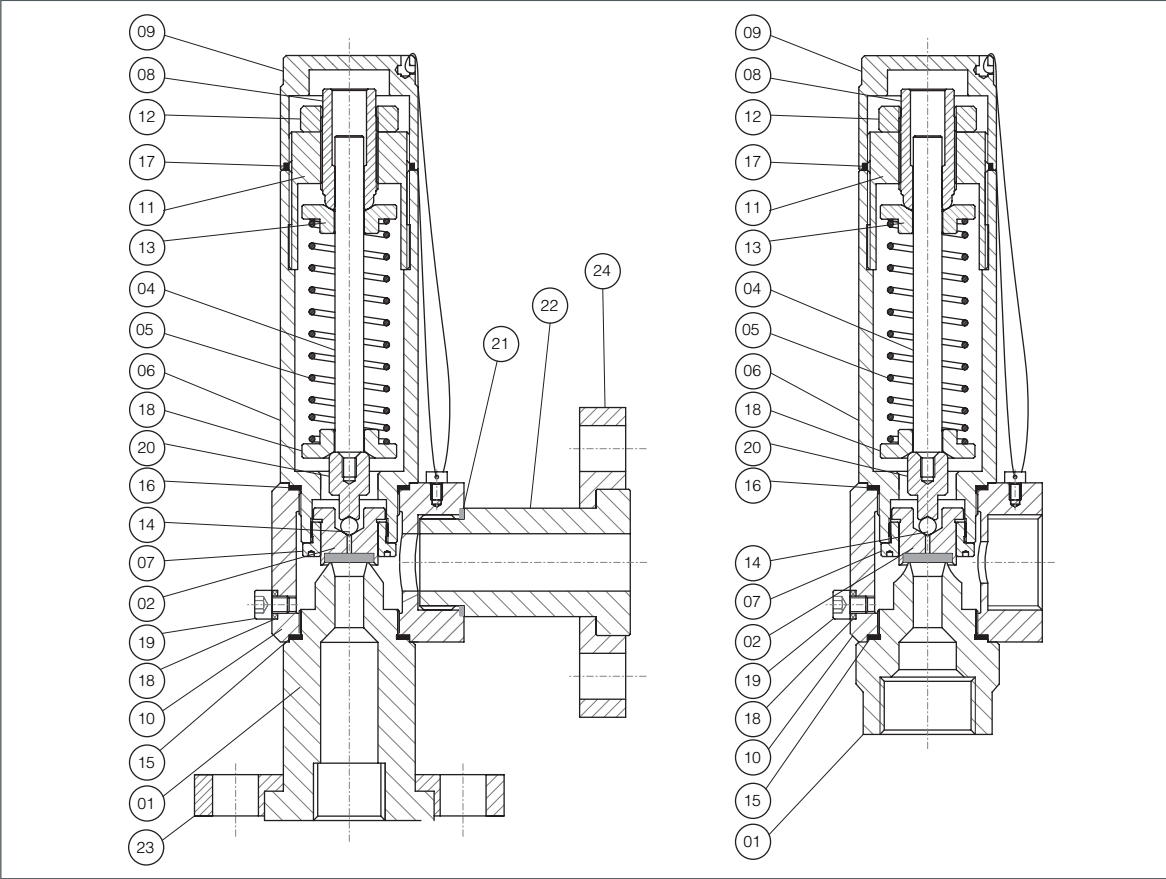
Threaded	1 1/2"	NPT / GAS		
Flanged / ASME	1 1/2"	150# ÷ 600#	RF	
Flanged / DIN	DN40	PN16 ÷ PN40		



CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1" x 1 1/2"	NPT-F / GAS-F	45	70	250	4,5
1 1/2" x 1 1/2"	NPT-F / GAS-F	45	70	250	4,5

CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1" x 1 1/2"	ASME 150÷600 x 150÷600	115	115	295	8
	ASME 900÷1500 x 150÷600	115	115	295	9,5
	ASME 2500 x 150÷600	130	130	310	10
1 1/2" x 1 1/2"	ASME 150÷600 x 150÷600	115	115	295	8
	ASME 900÷1500 x 150÷600	130	130	310	9,5
	ASME 2500 x 150÷600	130	130	310	10
DN25 x DN40	PN 16÷40 x 16÷40	115	115	295	8
	PN 63÷320 x 16÷40	115	115	295	9,5
	PN 400 x 16÷40	130	130	310	10
DN40 x DN40	PN 16÷40 x 16÷40	115	115	295	8
	PN 63÷320 x 16÷40	130	130	310	9,5
	PN 400 x 16÷40	130	130	310	10

MATERIALS



PART NAME		MATERIAL CODE			
		011	072	012	095
01	NOZZLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
02	DISC	AISI 316L/PTFE	AISI 316L/PTFE	AISI 316L/PEEK	AISI 316L/PEEK
03	LOWER WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
04	STEM	AISI 316L	AISI 316L	AISI 316L	AISI 316L
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
07	GUIDE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
08	SET SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
09	CAP	AISI 316L	AISI 316L	AISI 316L	AISI 316L
10	BODY	AISI 316L	AISI 316L	AISI 316L	AISI 316L
11	PRE SETT. SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
12	NUT	AISI 316L	AISI 316L	AISI 316L	AISI 316L
13	WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
14	BALL	AISI 316	AISI 316	AISI 316	AISI 316
15	GASKET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	GASKET	PTFE	PTFE	PTFE	PTFE
18	GASKET	PTFE	PTFE	PTFE	PTFE
19	DRAIN SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
20	PIN	AISI 316L	AISI 316L	AISI 316L	AISI 316L
21	GASKET	PTFE	PTFE	PTFE	PTFE
22	NIPPLE	AISI 316L	AISI 316	CARBON STEEL	AISI 316
23	FLANGE	CARBON STEEL	AISI 316L	CARBON STEEL	AISI 316
24	FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316

TYPE "D"

MATERIALS

CHARACTERISTICS

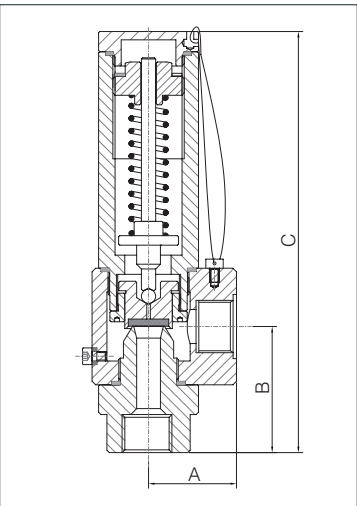
Orifice ø / mm	14	20	25	30
Discharge area / cm ²	1.54	3.14	4.91	7.068
Pressure range / bar	0.5 ÷ 220	0.5 ÷ 48	0.5 ÷ 48	0.5 ÷ 48

INLET CONNECTIONS

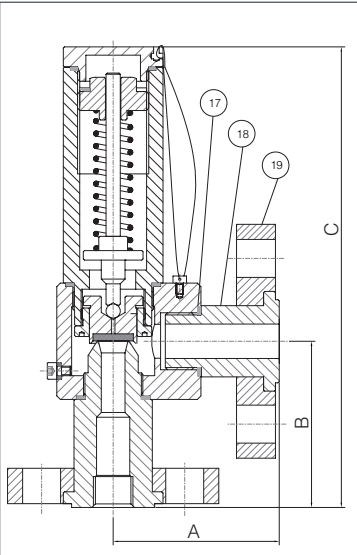
Threaded	1 1/2" - 2"	NPT / GAS		
Flanged / ASME	1 1/2" - 2"	150# ÷ 2500#	RF / RTJ	
Flanged / DIN	DN40/DN50	PN16 ÷ PN400		

OUTLET CONNECTIONS

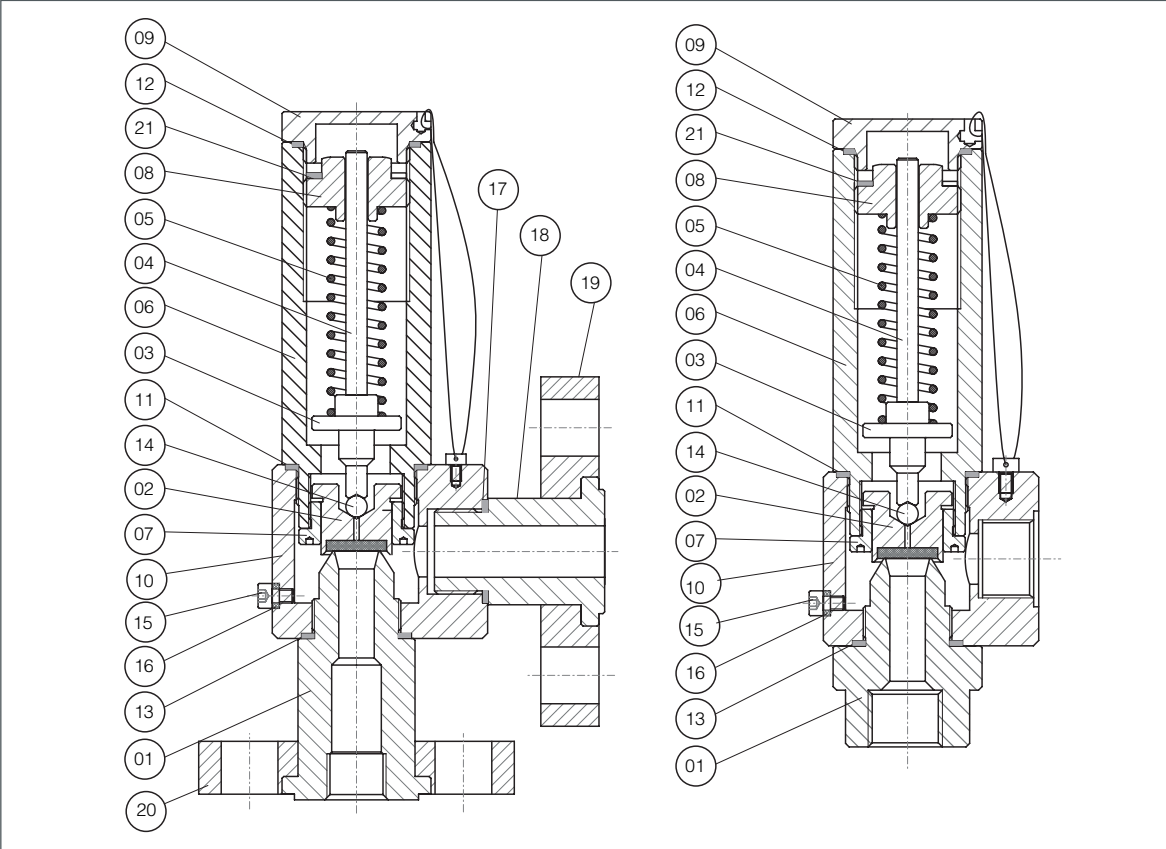
Threaded	2"	NPT / GAS		
Flanged / ASME	2"	150# ÷ 600#	RF	
Flanged / DIN	DN50	PN16 ÷ PN40		



CONNECTIONS		THREADED	A	B	C	WEIGHT
		Type	mm	mm	mm	kg
1 1/2" x 2"		NPT-F / GAS-F	70	85	275	7,5
		NPT-F / GAS-F	70	85	275	7,5



CONNECTIONS		FLANGED	A	B	C	WEIGHT
		Type	mm	mm	mm	kg
1 1/2" x 2"		ASME 150÷600 x 150÷600	120	115	305	18
		ASME 900÷1500 x 150÷600	150	135	325	22
		ASME 2500 x 150÷600	150	150	340	27
2" x 2"		ASME 150÷600 x 150÷600	120	120	310	19
		ASME 900÷1500 x 150÷600	150	140	325	23
		ASME 2500 x 150÷600	150	150	340	28
DN40 x DN50		PN 16÷40 x 16÷40	120	120	310	18
		PN 63÷320 x 16÷40	150	140	325	22
		PN 400 x 16÷40	150	150	340	27
DN50 x DN50		PN 16÷40 x 16÷40	120	120	310	19
		PN 63÷320 x 16÷40	150	140	325	23
		PN 400 x 16÷40	150	150	340	28



PART NAME		MATERIAL CODE			
		011	072	012	095
01	NOZZLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
02	DISC	AISI 316L/PTFE	AISI 316L/PTFE	AISI 316L/PEEK	AISI 316L/PEEK
03	LOWER WASHER	AISI 316L	AISI 316L	AISI 316L	AISI 316L
04	STEM	AISI 316L	AISI 316L	AISI 316L	AISI 316L
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	AISI 316L	AISI 316L	AISI 316L	AISI 316L
07	GUIDE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
08	SET SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
09	CAP	AISI 316L	AISI 316L	AISI 316L	AISI 316L
10	BODY	AISI 316L	AISI 316L	AISI 316L	AISI 316L
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	BALL	PTFE	PTFE	PTFE	AISI 316
15	SCREW	AISI 316L	AISI 316L	AISI 316L	AISI 316L
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	GASKET	PTFE	PTFE	PTFE	PTFE
18	NIPPLE	AISI 316L	AISI 316L	AISI 316L	AISI 316L
19	OUTLET FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316
20	INLET FLANGE	CARBON STEEL	AISI 316	CARBON STEEL	AISI 316
21	SEEGER	AISI 316L	AISI 316L	AISI 316L	AISI 316L

TYPE "E"

CHARACTERISTICS

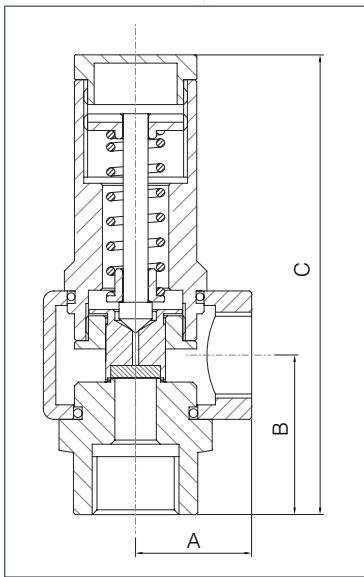
Orifice ø / mm	10			
Discharge area / cm²	0.785			
Pressure range / bar	0.5 ÷ 40			

INLET CONNECTIONS

Threaded	3/8" - 1/2"	NPT / GAS		
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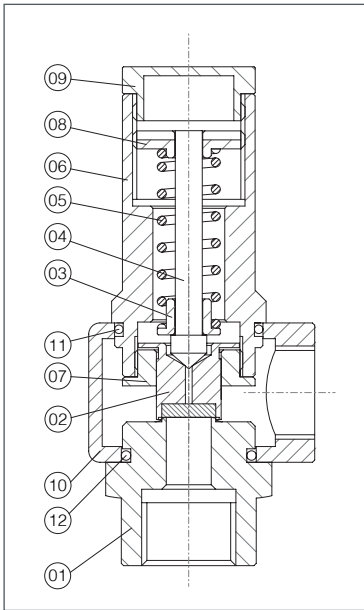
OUTLET CONNECTIONS

Threaded	1/2"	NPT / GAS		
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CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
3/8" x 1/2"	GAS-F-M NPT-F-M	28	38,5	121	0,7
1/2" x 1/2"	GAS-F-M NPT-F-M	28	38,5	121	0,7

MATERIALS



PART NAME		MATERIAL CODE		
		094	003	052
01	NOZZLE	BRONZE	BRASS	AISI 316L
02	DISC	BRONZE/PTFE	BRASS/PTFE	AISI 316L/PTFE
03	LOW. WASHER	BRASS	BRASS	BRASS
04	STEM	BRASS	BRASS	BRASS
05	SPRING	AISI 316	AISI 316	AISI 316
06	BONNET	BRASS	BRASS	BRASS
07	GUIDE	BRASS	BRASS	BRASS
08	SET SCREW	BRASS	BRASS	BRASS
09	CAP	BRASS	BRASS	BRASS
10	BODY	BRASS	BRASS	BRASS
11	GASKET	SILICON	VITON	VITON
12	GASKET	SILICON	VITON	VITON

TYPE "F"

CHARACTERISTICS

Orifice ø / mm	4	6	8	
Discharge area / cm²	0.12	0.28	0.502	
Pressure range / bar	10 ÷ 1200	0.5 ÷ 790	0.5 ÷ 150	

INLET CONNECTIONS

Threaded	1/4" - 1/2"	NPT / GAS		
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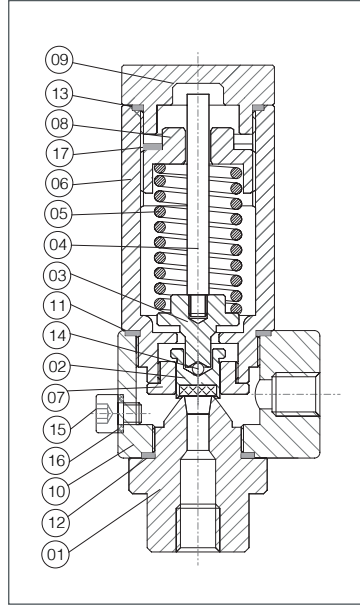
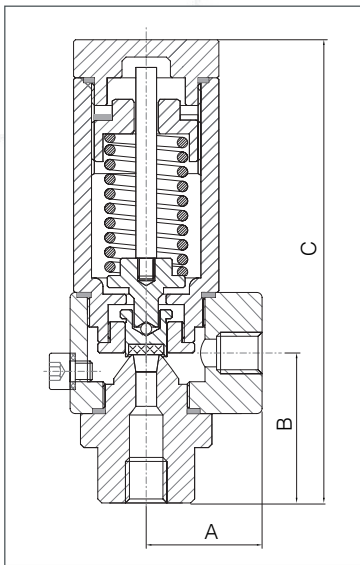
OUTLET CONNECTIONS

Threaded	1/4" - 1/2"	NPT / GAS		
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CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/4" x 1/4"	GAS-F/ NPT-F	26	30	100	1,0
1/2" x 1/2"	GAS-F/ NPT-F	33,5	43,5	138	1,5

MATERIALS

PART NAME		MATERIAL CODE	
		011	012
01	NOZZLE	AISI 316L	AISI 316L
02	DISC	AISI 316L/PTFE	AISI 316L/PEEK
03	LOWER WASHER	AISI 316L	AISI 316L
04	STEM	AISI 316L	AISI 316L
05	SPRING	ALL. STEEL	ALL. STEEL
06	BONNET	AISI 316L	AISI 316L
07	GUIDE	AISI 316L	AISI 316L
08	SET SCREW	AISI 316L	AISI 316L
09	CAP	AISI 316L	AISI 316L
10	BODY	AISI 316L	AISI 316L
11	GASKET	PTFE	PTFE
12	GASKET	PTFE	PTFE
13	GASKET	PTFE	PTFE
14	BALL	AISI 316	AISI 316
15	DRAIN SCREW	AISI 316L	AISI 316L
16	GASKET	PTFE	PTFE
17	SEEGER	AISI 316	AISI 316



GLV

SERIES Plastic Version

Relief Valves GLV-Series PLASTIC VERSION

Application

- Chemical plants
- Petrochemical plants
- Dosing systems
- Injections skids
- Metering pumps
- Water treatment and desalination plants
- Cryogenic plants (liquefied gases)

Accessories

- Balancing / isolating bellows in PTFE
- Test gag

Materials

PVC, PP, PVDF, PTFE.

Design

- | | |
|------------------------|--------------------------------|
| - Construction: | Angle-type |
| - Seat sealing type: | PTFE |
| - Connections: | Screw and flanged (ASME / DIN) |
| - Connections types: | GAS / BSPP |
| - Flange ratings: | ASME 150 ÷ 300 / PN16 ÷ PN 40 |
| - Sizes: | 1/2" ÷ 2" / DN 15 ÷ DN 50 |
| - Orifices: | 10, 14, 20, 25, 30 mm |
| - Characteristic: | Full lift |
| - Overpressure: | 10% |
| - Blowdown: | 15% |
| - Discharge coeff. Kd: | 0.7 |
| - Temperature range: | - 20°C + 180°C |
| - Set pressure range: | 0.5 ÷ 12 barg |
| - Design standard | EN 4162-1 |

Approvals

- CE marking according to 2014/68/EU
- 2014/34/EU (ATEX)
- EAC (EurAsian Conformity mark (EAC, Russian: Евразийское соответствие)



TYPE "A"

CHARACTERISTICS

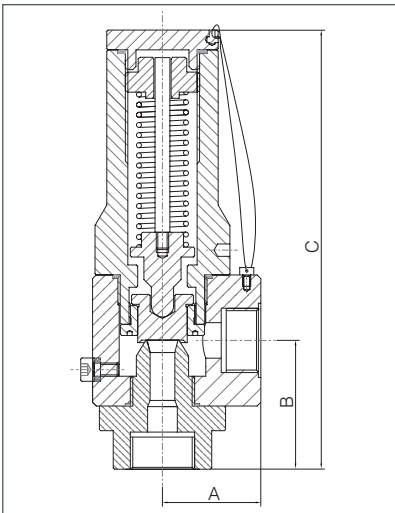
Orifice $\varnothing$ / mm	10			
Discharge area / cm ²	0.785			
Pressure range / bar	0.5 ÷ 12			

INLET CONNECTIONS

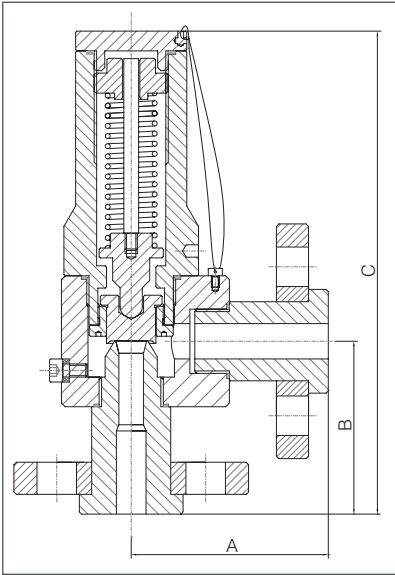
Threaded	1/2" - 3/4"	GAS		
Flanged / ASME	1/2" - 3/4"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN15 - DN20	PN16 ÷ PN40		

OUTLET CONNECTIONS

Threaded	1/2" - 3/4"	GAS		
Flanged / ASME	1/2" - 3/4"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN15 - DN20	PN16 ÷ PN40		

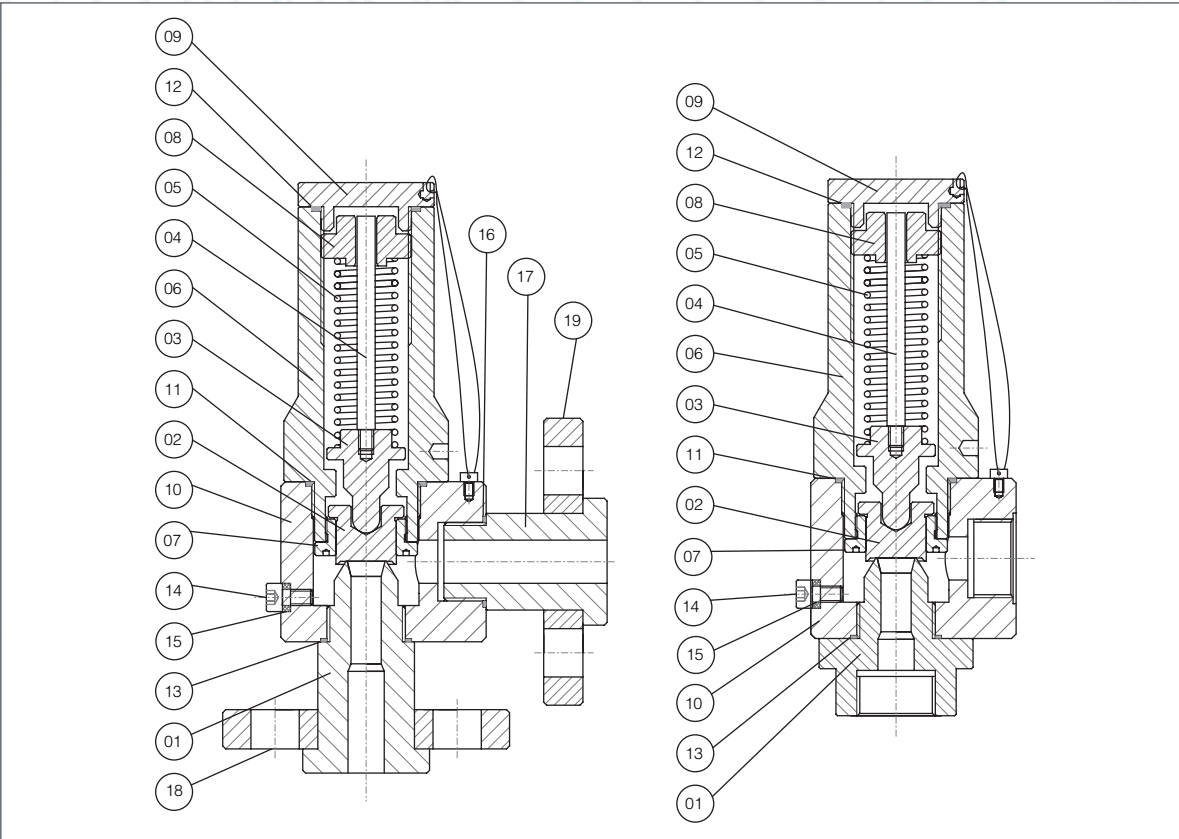


CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1/2"	GAS-F	40	52	182	1,5
3/4" x 3/4"	GAS-F	40	52	182	1,5



CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1/2"	ASME 150÷300 x 150÷300	80	70	200	2,0
3/4" x 3/4"	ASME 150÷300 x 150÷300	80	80	220	2,5
DN15 x DN15	PN 16÷40 x 16÷40	80	70	200	2,0
DN20 x DN20	PN 16÷40 x 16÷40	80	80	220	2,5

MATERIALS



PART NAME		MATERIAL CODE			
		063	126	062	128
01	NOZZLE	PVC	PVC	PP	PP
02	DISC	PTFE	PTFE	PTFE	PTFE
03	LOWER WASHER	PVC	PVC	PP	PP
04	STEM	PVC	PVC	PP	PP
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	PVC	PVC	PP	PP
07	GUIDE	PVC	PVC	PP	PP
08	SET SCREW	PVC	PVC	PP	PP
09	CAP	PVC	PVC	PP	PP
10	BODY	PVC	PVC	PP	PP
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	SCREW	PP	PP	PP	PP
15	GASKET	PTFE	PTFE	PTFE	PTFE
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	NIPPLE	PP	PP	PP	PP
18	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.
19	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.

TYPE "B"

MATERIALS

CHARACTERISTICS

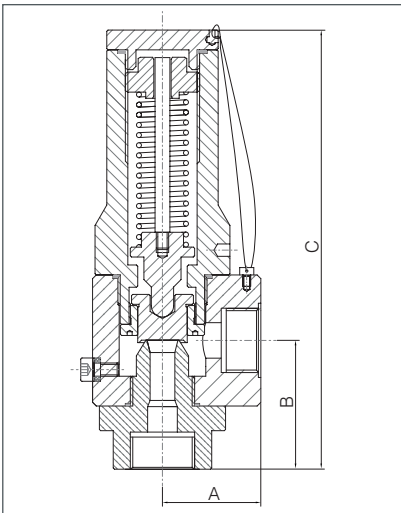
Orifice $\varnothing$ / mm	10	14		
Discharge area / cm ²	0.785	1.54		
Pressure range / bar	0.5 ÷ 12	0.5 ÷ 12		

INLET CONNECTIONS

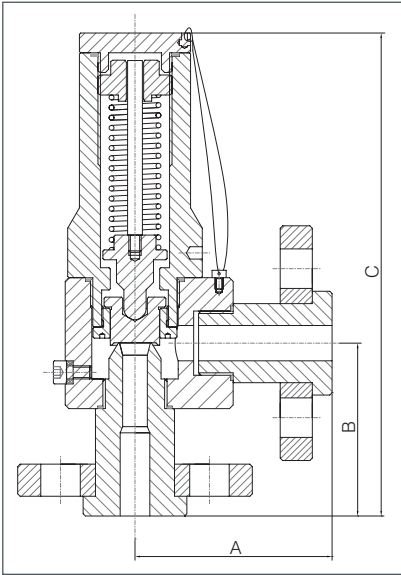
Threaded	1/2" - 3/4" - 1"	GAS		
Flanged / ASME	1/2" - 3/4" - 1"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN15 ÷ DN25	PN16 ÷ PN40		

OUTLET CONNECTIONS

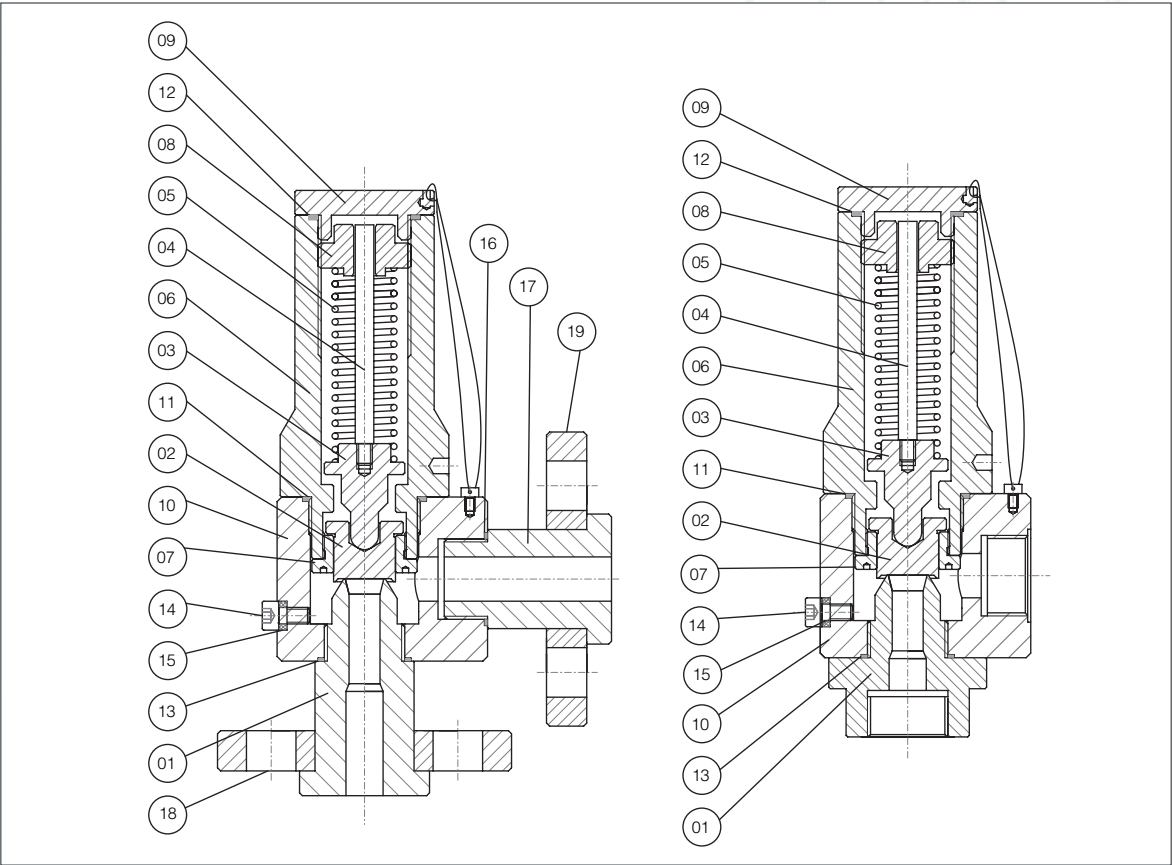
Threaded	1"	GAS		
Flanged / ASME	1"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN25	PN16 ÷ PN40		



CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1"	GAS-F	47	70	222	2,0
3/4" x 1"	GAS-F	47	70	222	2,0
1" x 1"	GAS-F	47	70	222	2,0



CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1/2" x 1"	ASME 150÷300 x 150÷300	98	90	242	3,0
3/4" x 1"	ASME 150÷300 x 150÷300	98	90	242	3,0
3/4" x 1"	ASME 150÷300 x 150÷300	98	90	242	3,0
DN15 x DN25	PN 16÷40 x 16÷40	98	90	242	3,0
DN20 x DN25	PN 16÷40 x 16÷40	98	90	242	3,0
DN25 x DN25	PN 16÷40 x 16÷40	98	90	242	3,0



PART NAME		MATERIAL CODE			
		063	126	062	128
01	NOZZLE	PVC	PVC	PP	PP
02	DISC	PTFE	PTFE	PTFE	PTFE
03	LOWER WASHER	PVC	PVC	PP	PP
04	STEM	PVC	PVC	PP	PP
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	PVC	PVC	PP	PP
07	GUIDE	PVC	PVC	PP	PP
08	SET SCREW	PVC	PVC	PP	PP
09	CAP	PVC	PVC	PP	PP
10	BODY	PVC	PVC	PP	PP
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	SCREW	PP	PP	PP	PP
15	GASKET	PTFE	PTFE	PTFE	PTFE
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	NIPPLE	PP	PP	PP	PP
18	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.
19	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.

TYPE "C"

MATERIALS

CHARACTERISTICS

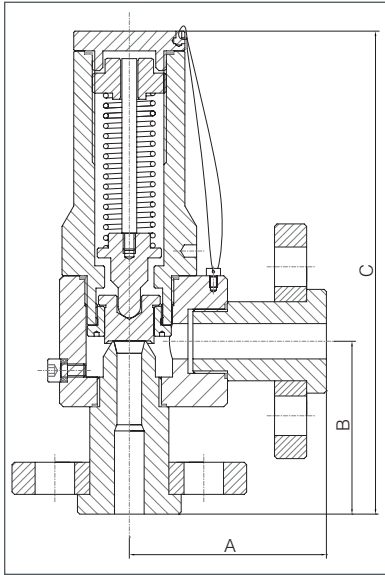
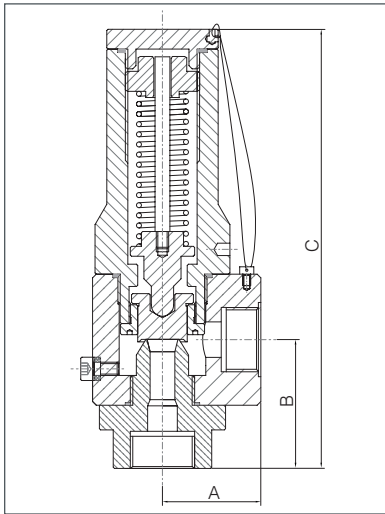
Orifice $\varnothing$ / mm	14	20		
Discharge area / cm ²	1.54	3.14		
Pressure range / bar	0.5 ÷ 12	0.5 ÷ 9		

INLET CONNECTIONS

Threaded	1 1/2"	GAS / BSPP		
Flanged / ASME	1 1/2"	150# ÷ 2500#	RF / FF	
Flanged / DIN	DN40	PN16 ÷ PN40		

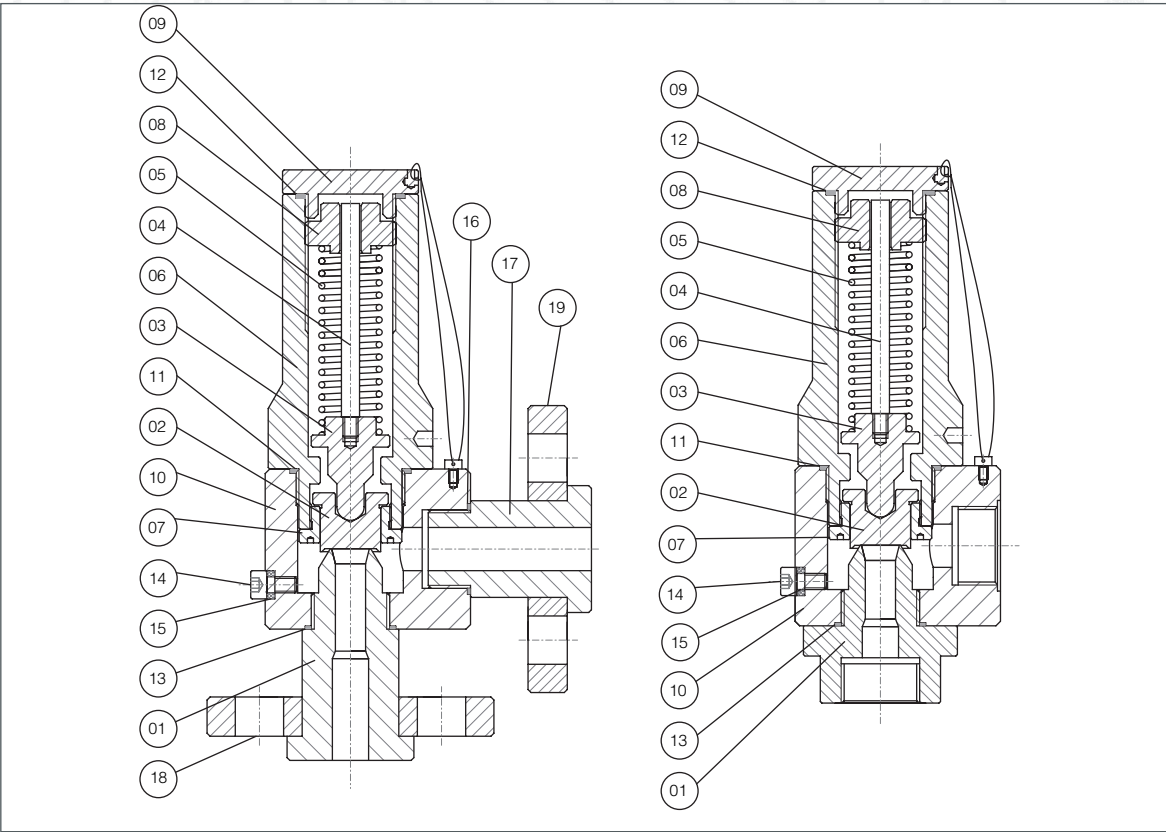
OUTLET CONNECTIONS

Threaded	1 1/2"	GAS / BSPP		
Flanged / ASME	1 1/2"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN40	PN16 ÷ PN40		



CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1" x 1 1/2"	GAS-F	65	75	230	4
1 1/2" x 1 1/2"	GAS-F	65	75	230	4

CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1" x 1 1/2"	ASME 150÷300 x 150÷300	115	105	260	6
1 1/2" x 1 1/2"	ASME 150÷300 x 150÷300	115	105	260	6
DN25 x DN40	PN 16÷40 x 16÷40	115	105	260	6
DN40 x DN40	PN 16÷40 x 16÷40	115	105	260	6



PART NAME		MATERIAL CODE			
		063	126	062	128
01	NOZZLE	PVC	PVC	PP	PP
02	DISC	PTFE	PTFE	PTFE	PTFE
03	LOWER WASHER	PVC	PVC	PP	PP
04	STEM	PVC	PVC	PP	PP
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	PVC	PVC	PP	PP
07	GUIDE	PVC	PVC	PP	PP
08	SET SCREW	PVC	PVC	PP	PP
09	CAP	PVC	PVC	PP	PP
10	BODY	PVC	PVC	PP	PP
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	SCREW	PP	PP	PP	PP
15	GASKET	PTFE	PTFE	PTFE	PTFE
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	NIPPLE	PP	PP	PP	PP
18	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.
19	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.

TYPE "D" MATERIALS

CHARACTERISTICS

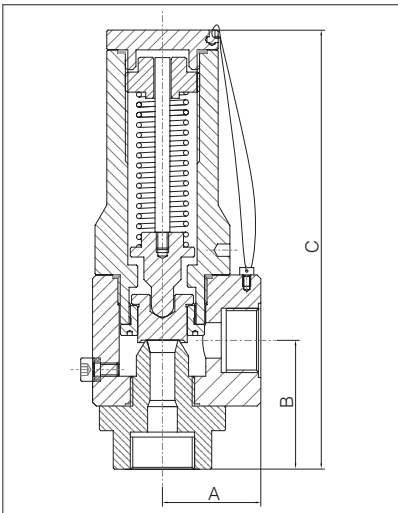
Orifice $\varnothing$ / mm	20	25	30	
Discharge area / cm ²	3.14	4.91	7.068	
Pressure range / bar	0.5 ÷ 9	0.5 ÷ 8	0.5 ÷ 8	

INLET CONNECTIONS

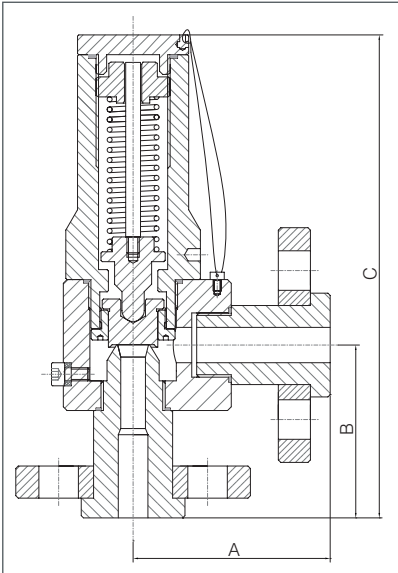
Threaded	1 1/2" - 2"	GAS / BSPP		
Flanged / ASME	1 1/2" - 2"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN40/DN50	PN16 ÷ PN40		

OUTLET CONNECTIONS

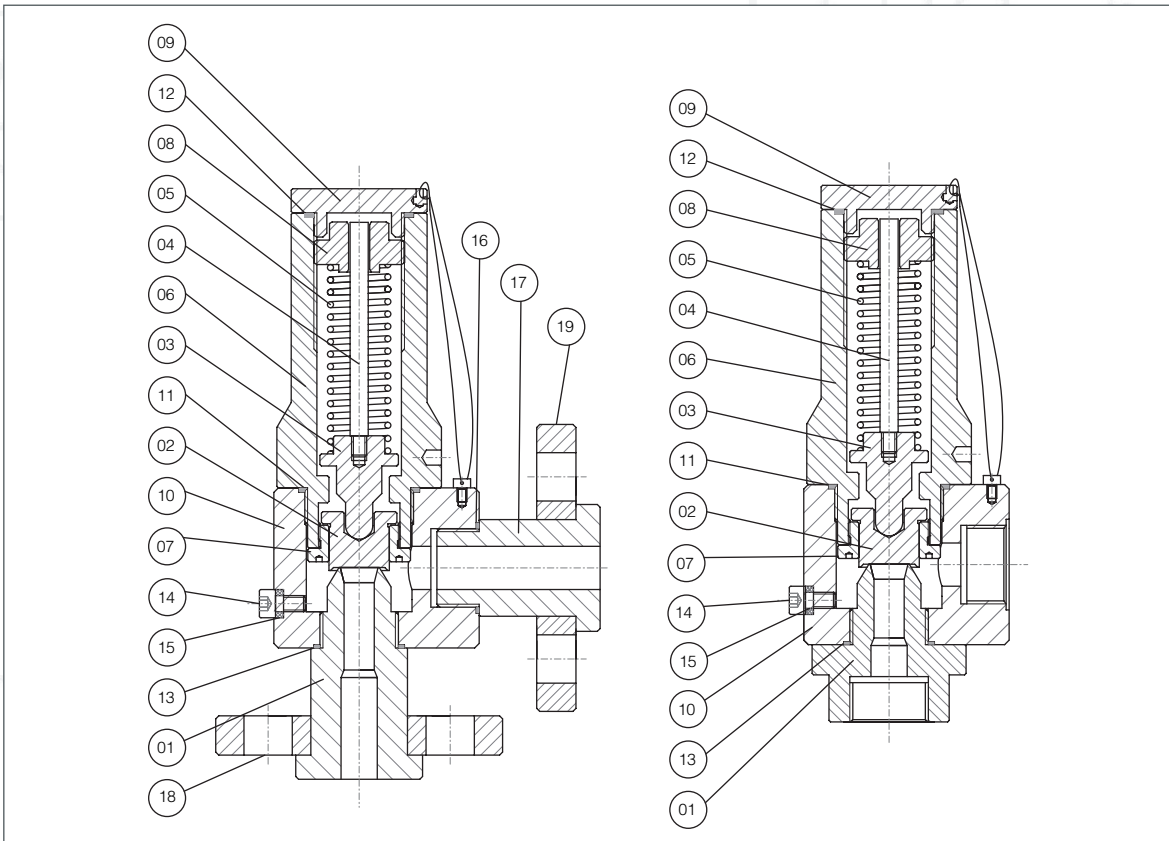
Threaded	2"	GAS / BSPP		
Flanged / ASME	2"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN50	PN16 ÷ PN40		



CONNECTIONS	THREADED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1 1/2" x 2"	GAS-F	70	85	275	5
2" x 2"	GAS-F	70	85	275	5

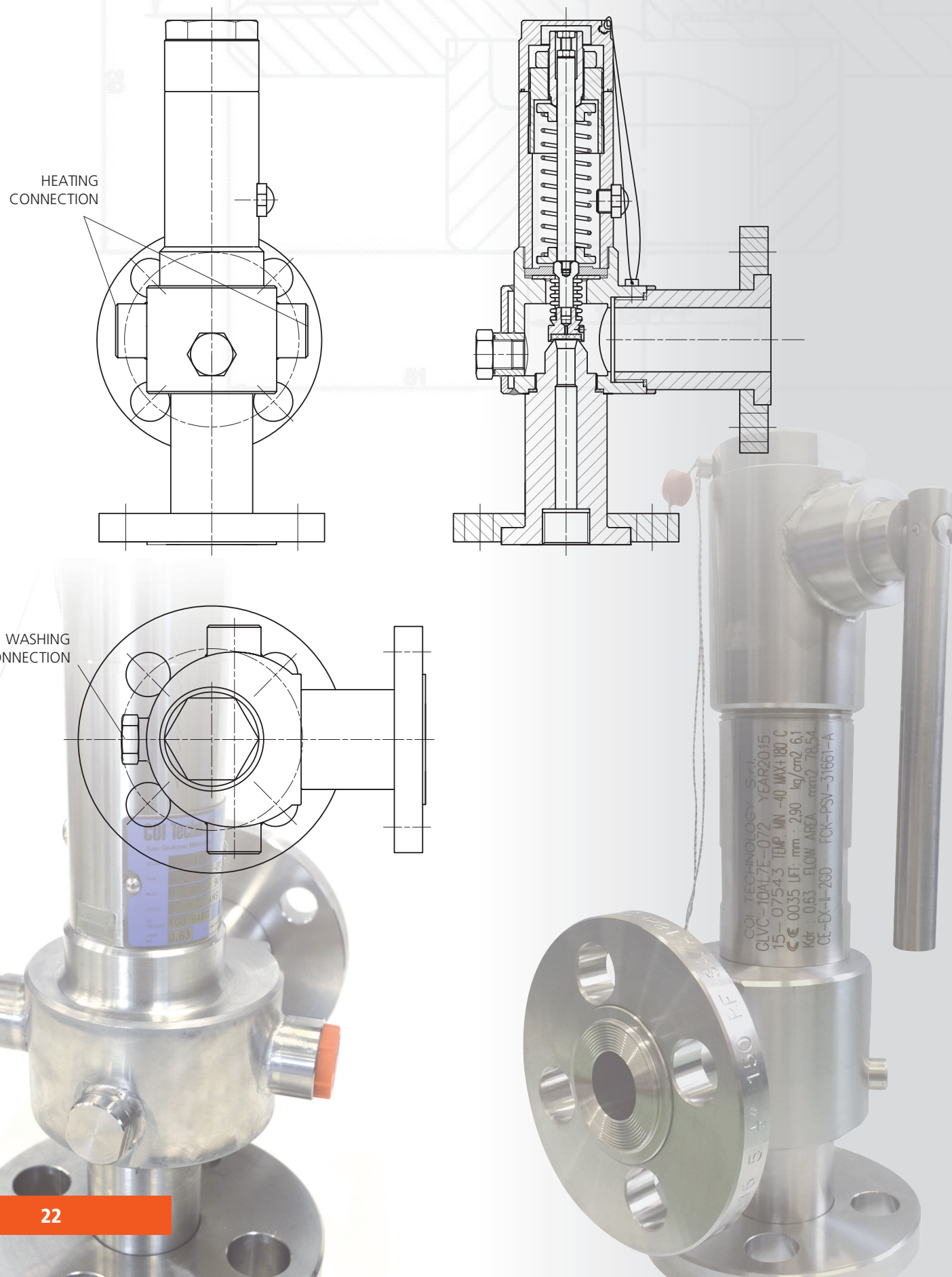


CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1 1/2" x 2"	ASME 150÷300 x 150÷300	115	105	300	7
2" x 2"	ASME 150÷300 x 150÷300	115	115	310	7
DN40 x DN50	PN 16÷40 x 16÷40	115	105	300	7
DN50 x DN50	PN 16÷40 x 16÷40	115	115	310	7

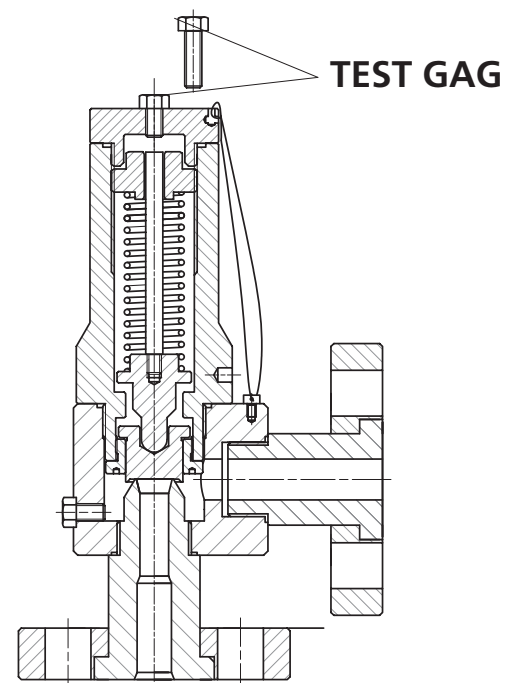
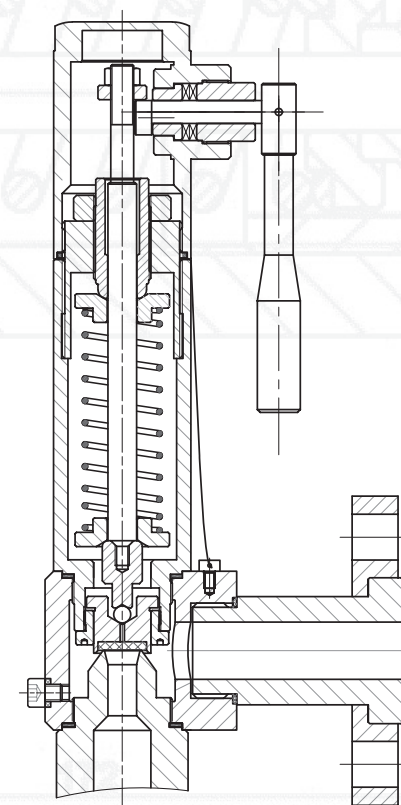


PART NAME		MATERIAL CODE			
		063	126	062	128
01	NOZZLE	PVC	PVC	PP	PP
02	DISC	PTFE	PTFE	PTFE	PTFE
03	LOWER WASHER	PVC	PVC	PP	PP
04	STEM	PVC	PVC	PP	PP
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	PVC	PVC	PP	PP
07	GUIDE	PVC	PVC	PP	PP
08	SET SCREW	PVC	PVC	PP	PP
09	CAP	PVC	PVC	PP	PP
10	BODY	PVC	PVC	PP	PP
11	GASKET	PTFE	PTFE	PTFE	PTFE
12	GASKET	PTFE	PTFE	PTFE	PTFE
13	GASKET	PTFE	PTFE	PTFE	PTFE
14	SCREW	PP	PP	PP	PP
15	GASKET	PTFE	PTFE	PTFE	PTFE
16	GASKET	PTFE	PTFE	PTFE	PTFE
17	NIPPLE	PP	PP	PP	PP
18	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.
19	FLANGE	CARBON STEEL	PP LINED C.S.	CARBON STEEL	PP LINED C.S.

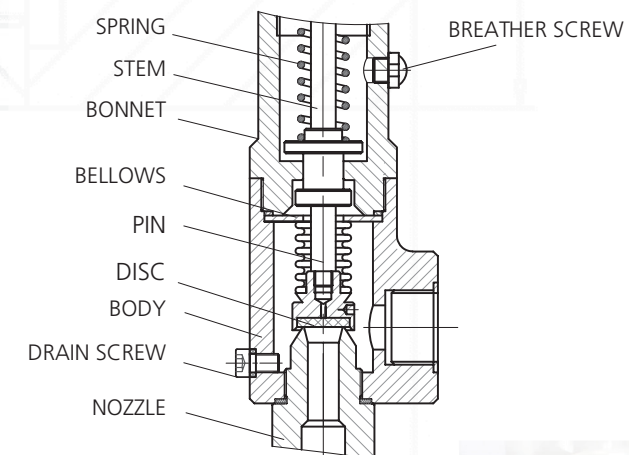
HEATING AND WASHING JACKET



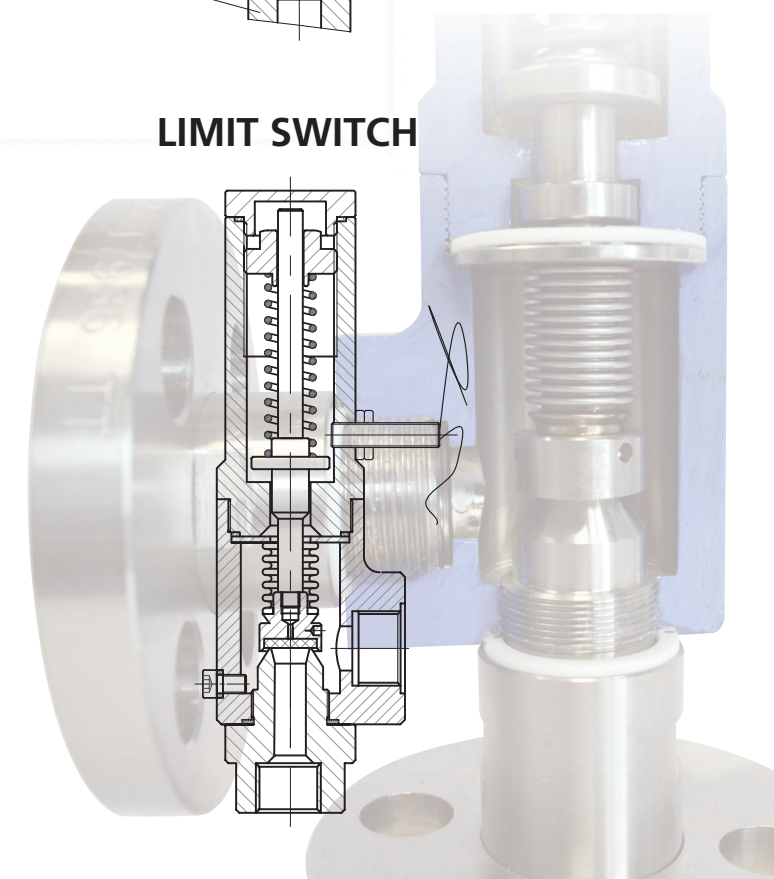
LIFTING PACKED LEVER



BALANCING/ISOLATING BELLOWS



LIMIT SWITCH



TAG PLATE

COI Technology s.r.l.		CE	1936	EN ISO 4126-1
San Giuliano Milanese (MI) - ITALY				
SERIAL N°		LIFT mm		
COD. N°		P ₀ %		
INLET		FL AREA mm ²		
OUTLET		COEFF. Kdr		
SET PRESSURE		PS		
COLD DIFF. PRESSURE		NOZZLE MATERIAL		
TAG N°		YEAR		
CE II 2 GD TÜV 0035 ATEX 557/EX - Ab 2893/18				

Part Code description: GLV C-xx xL xx-xxx

Material code
Specification (threaded, flanged, ecc.)
Type
Orifice diameter
Version (carried exhaust)
Valve series

Example: GLV C-10 AL 03-011

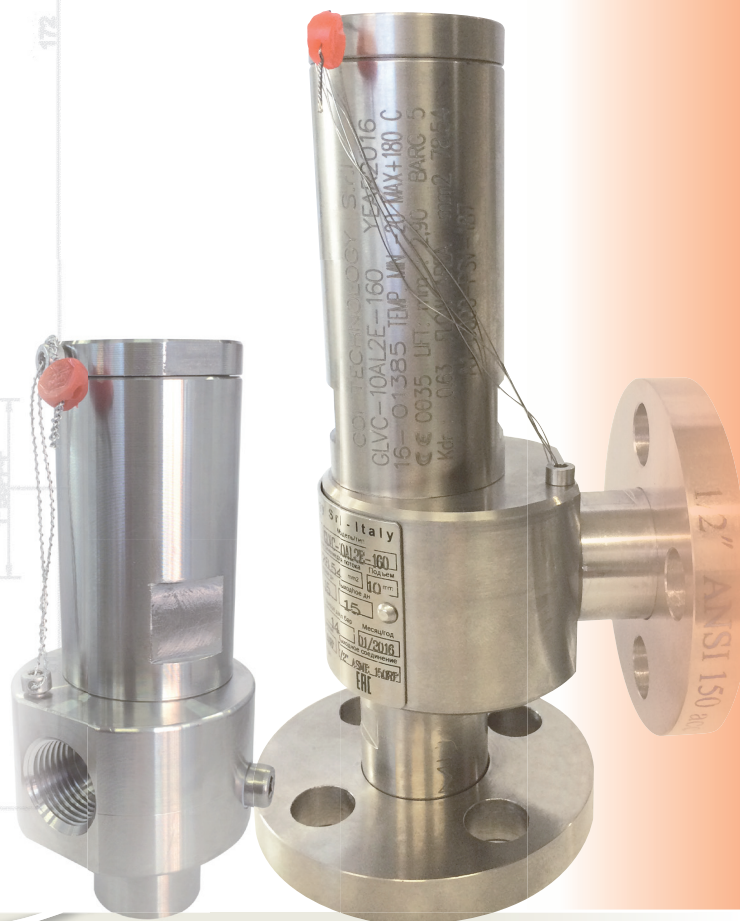
Material code
Specification (threaded, flanged, ecc.)
Type
Orifice diameter
Version (carried exhaust)
Valve series

GLV SERIES

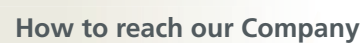
NOTE

- Modifications reserved by Coi Technology SRL.
- Dimensions and Materials can be changed without notice.
- Parts can be replaced by other materials acc. to customer specification.
- Please do not hesitate to contact our Commercial or Technical Department for further information on specific applications and special technical questions.





LA CENTRALE COMUNICA.IT



1. **Highway A1** (tangenziale Ovest)
exit San Giuliano Milanese
2. proceed to **Via della Liberazione**

