

GLV

SERIES



PRESSURE *RELIEF VALVES*



GLV SERIES

TABLE OF CONTENTS

ST. STEEL VERSION

Introduction	Page	1
Version A DN15	Page	2 - 3
Version B DN25	Page	4 - 5
Version C DN40	Page	6 - 7
Version D DN50	Page	8 - 9
Version F	Page	11

COPPER ALLOY V

Version E	Page	10
-----------	------	----

PLASTIC VERSION

Introduction	Page	13
Version A DN15	Page	14 - 15
Version B DN25	Page	16 - 17
Version C DN40	Page	18 - 19
Version D DN50	Page	20 - 21

ACCESSORIES

Accessories / Code description	Page	22 - 23
--------------------------------	------	---------

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)

Version "A"

MATERIALS

CHARACTERISTICS

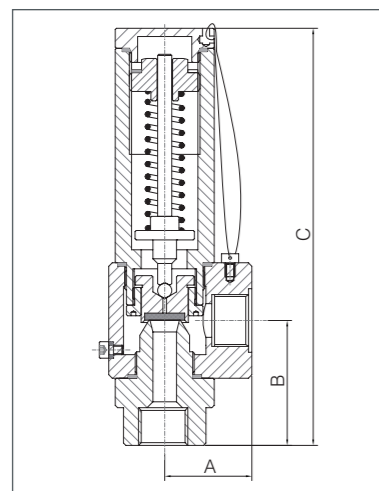
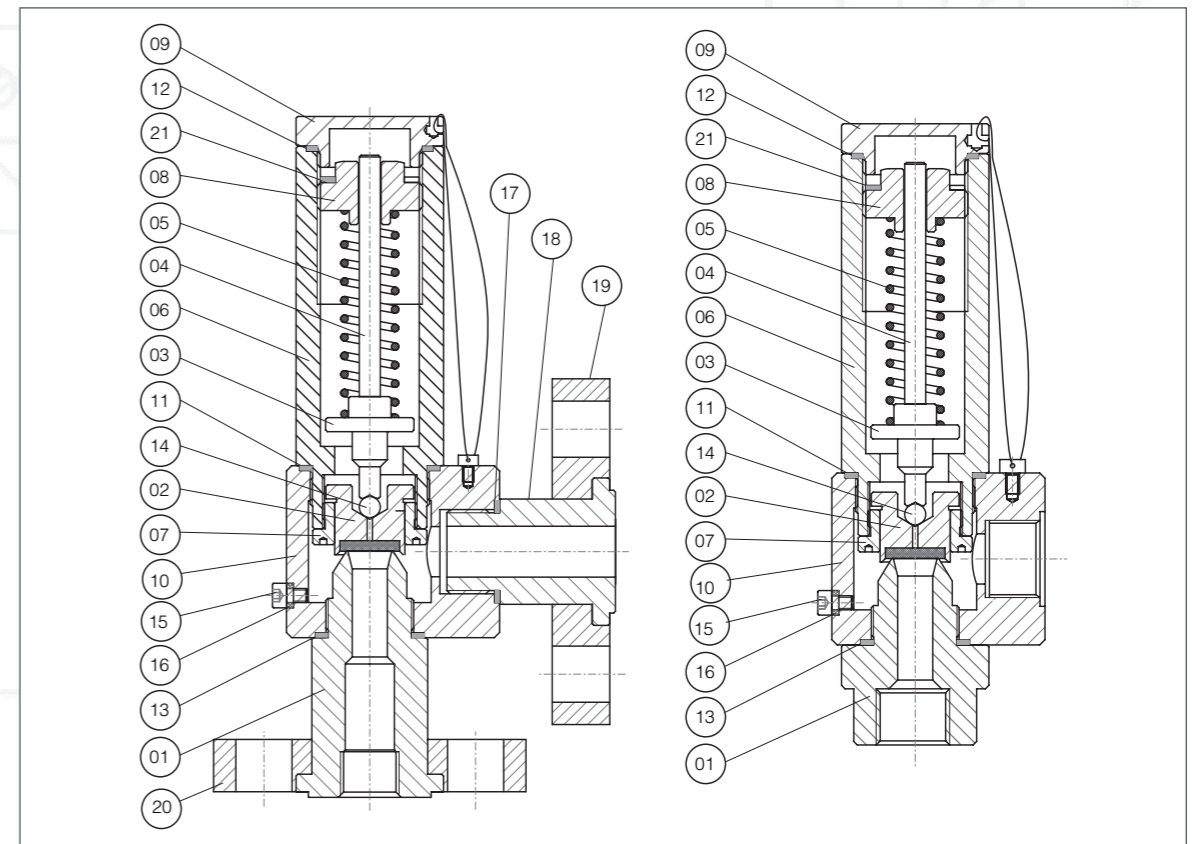
Orifice ϕ / mm	6	8	10
Discharge area / cm ²	0.28	0.504	0.785
Pressure range / bar	0.5 ÷ 690	0.5 ÷ 250	0.5 ÷ 110

INLET CONNECTIONS

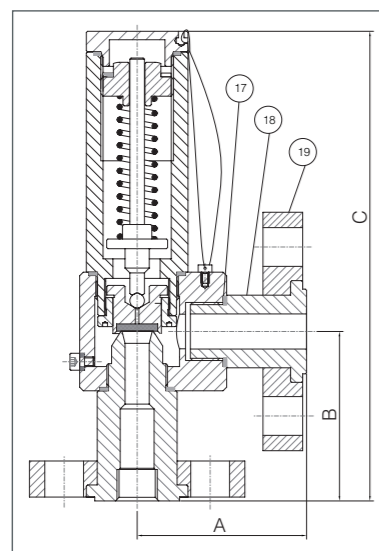
Threaded	1/2" - 3/4"	NPT / GAS	
Flanged / ASME	1/2" - 3/4"	150# ÷ 2500#	RF / RTJ
Flanged / DIN	DN15/DN20	PN16 ÷ PN400	

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

	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

Version "B" MATERIALS

CHARACTERISTICS

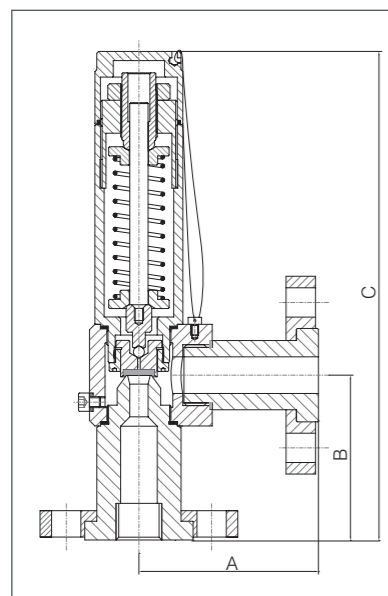
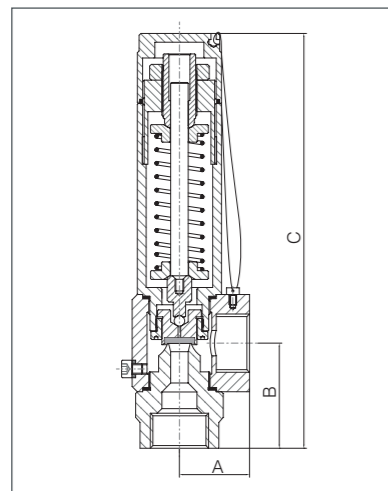
Orifice \varnothing / mm	6	8	10	14
Discharge area / cm ²	0.28	0.504	0.785	1.54
Pressure range / bar	0.5 ÷ 690	0.5 ÷ 410	0.5 ÷ 130	0.5 ÷ 65

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

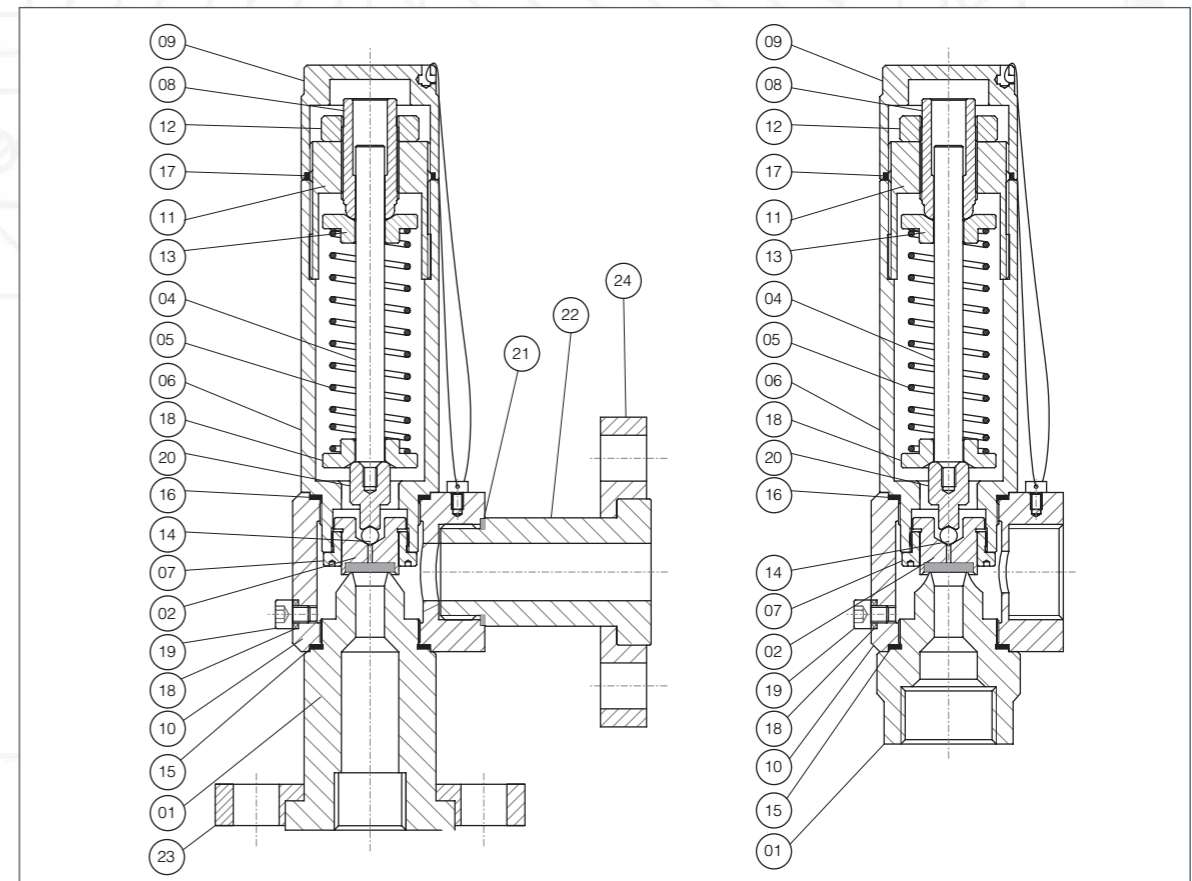
Threaded	1"	NPT / GAS	
Flanged / ASME	1"	150# ÷ 600#	RF
Flanged / DIN	DN25	PN16 ÷ PN40	



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

Version "C" MATERIALS

CHARACTERISTICS

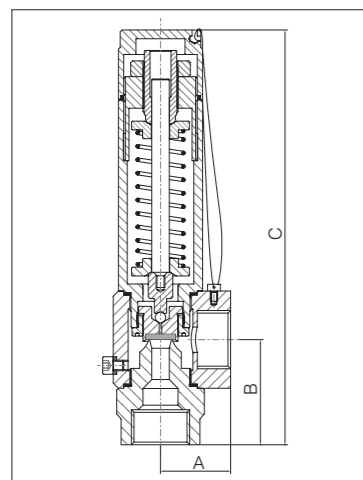
Orifice \varnothing / mm	8	10	14
Discharge area / cm ²	0.504	0.785	1.54
Pressure range / bar	0.5 ÷ 415	0.5 ÷ 220	0.5 ÷ 65

INLET CONNECTIONS

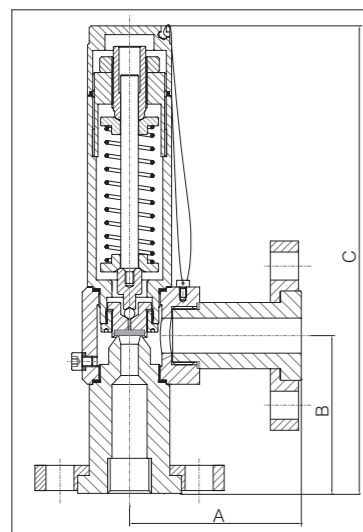
Threaded	1" - 1 1/2"	NPT / GAS	
Flanged / ASME	1" - 1 1/2"	150# ÷ 2500#	RF / RTJ
Flanged / DIN	DN25/DN40	PN16 ÷ PN400	

OUTLET CONNECTIONS

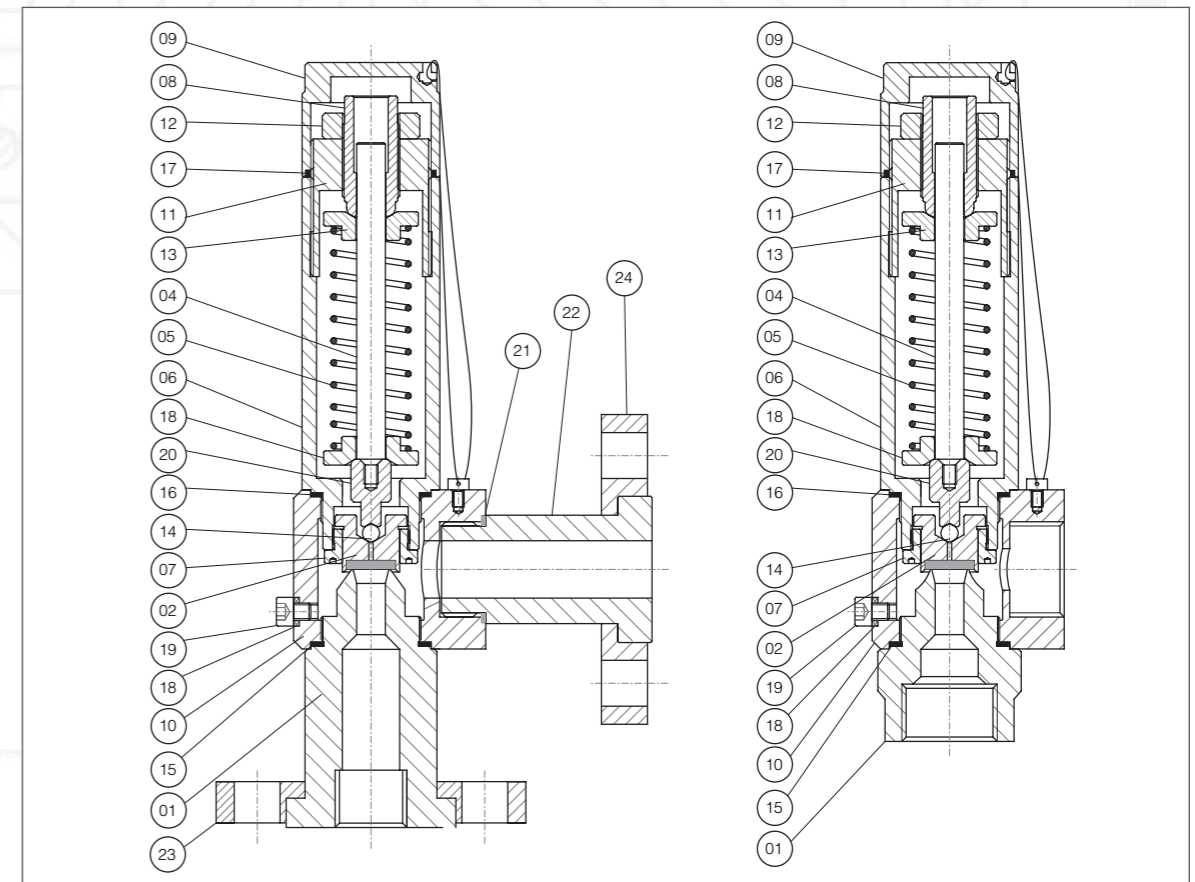
Threaded	1 1/2"	NPT / GAS	
Flanged / ASME	1 1/2"	150# ÷ 600#	RF
Flanged / DIN	DN40	PN16 ÷ PN40	



CONNECTIONS	TREADED	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



	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

Version "D" MATERIALS

CHARACTERISTICS

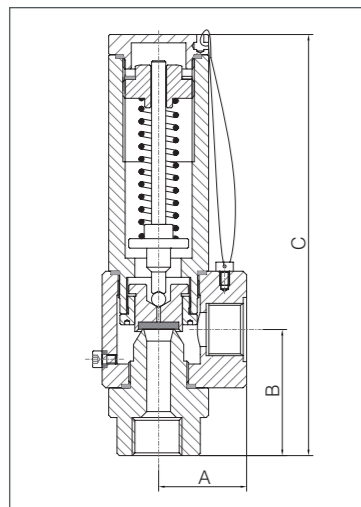
Orifice \varnothing / mm	14	20	25	30
Discharge area / cm ²	1.54	3.14	4.91	7.068
Pressure range / bar	0.5 ÷ 220	0.5 ÷ 48	0.5 ÷ 48	0.5 ÷ 48

INLET CONNECTIONS

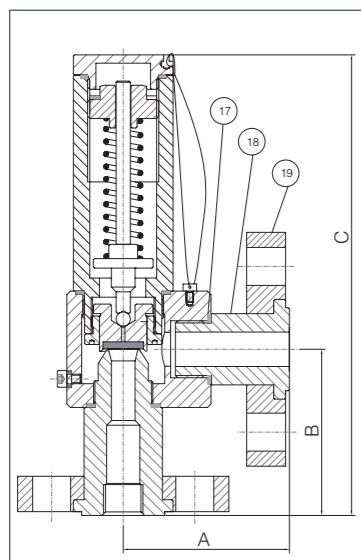
Threaded	1 1/2" - 2"	NPT / GAS	
Flanged / ASME	1 1/2" - 2"	150# ÷ 2500#	RF / RTJ
Flanged / DIN	DN40/DN50	PN16 ÷ PN400	

OUTLET CONNECTIONS

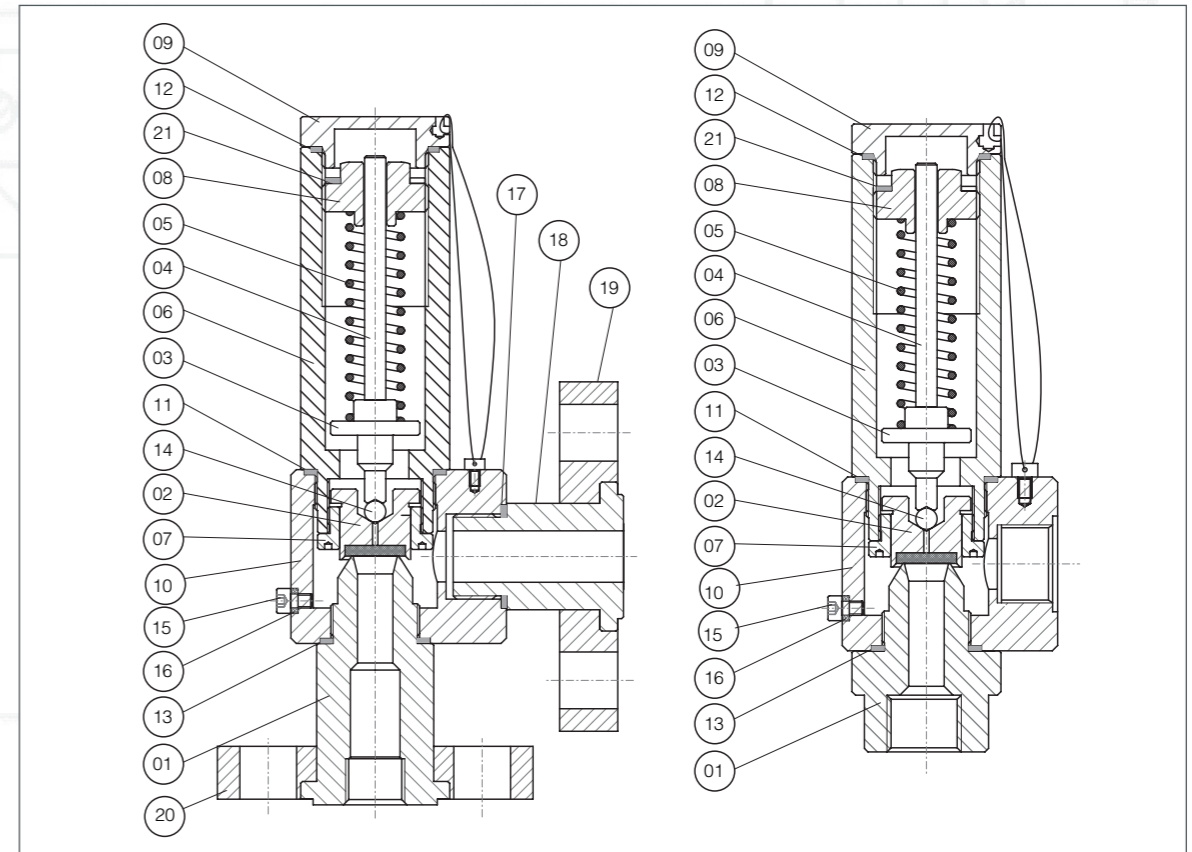
Threaded	2"	NPT / GAS	
Flanged / ASME	2"	150# ÷ 600#	RF
Flanged / DIN	DN50	PN16 ÷ PN40	



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
2" x 2"	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	

Version "E" TYPE "F"

CHARACTERISTICS

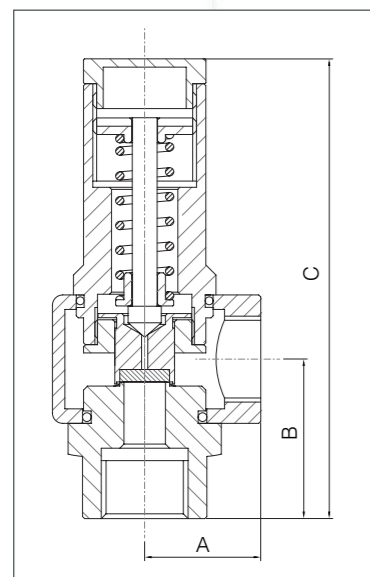
Orifice \varnothing / mm	10		
Discharge area / cm ²	0.785		
Pressure range / bar	0.5 ÷ 40		

INLET CONNECTIONS

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

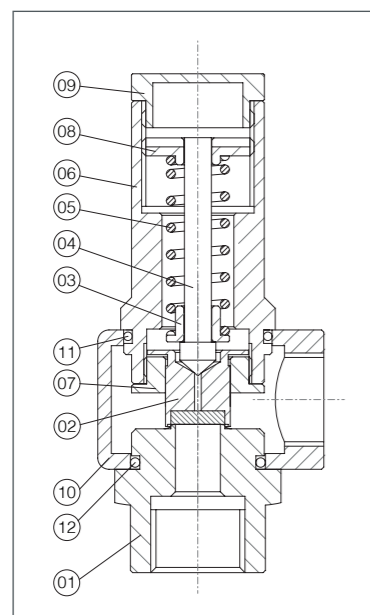
OUTLET CONNECTIONS

Threaded	1/2"	NPT / GAS	
----------	------	-----------	--



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

CHARACTERISTICS

Orifice \varnothing / mm	4	6	8
Discharge area / cm ²	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	
----------	-------------	-----------	--

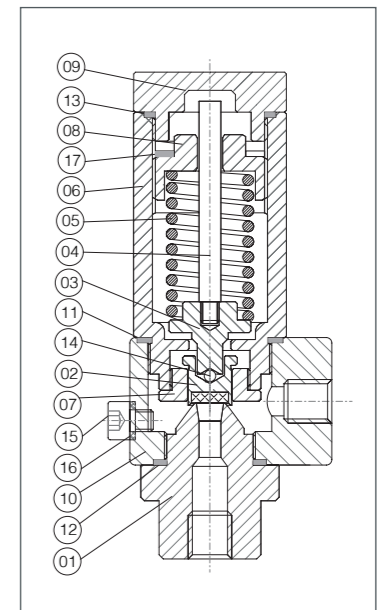
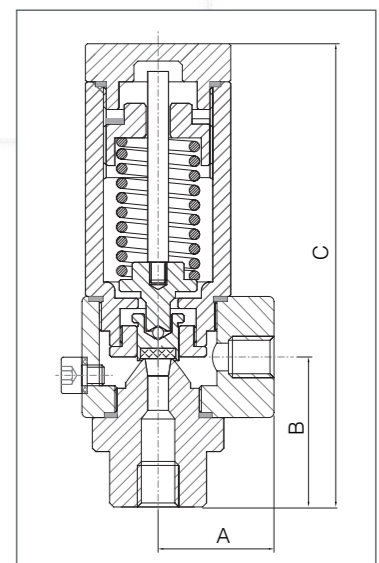
OUTLET CONNECTIONS

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

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

PLASTICS

Relief Valves GLV-Series PLASTICS

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: | Screwed 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
- EAC (EurAsian Conformity mark (EAC, Russian: Евразийское соответствие)



Version "A"

MATERIALS

CHARACTERISTICS

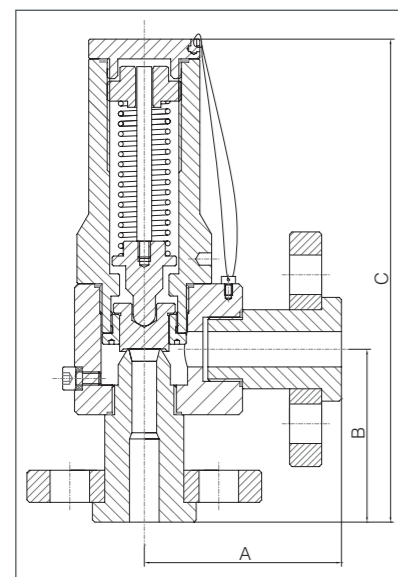
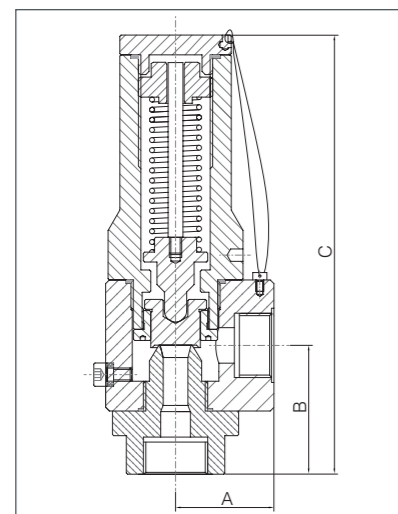
Orifice \varnothing / mm	10		
Discharge area / cm ²	0.785		
Pressure range / bar	0.5 ÷ 12		

INLET CONNECTIONS

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

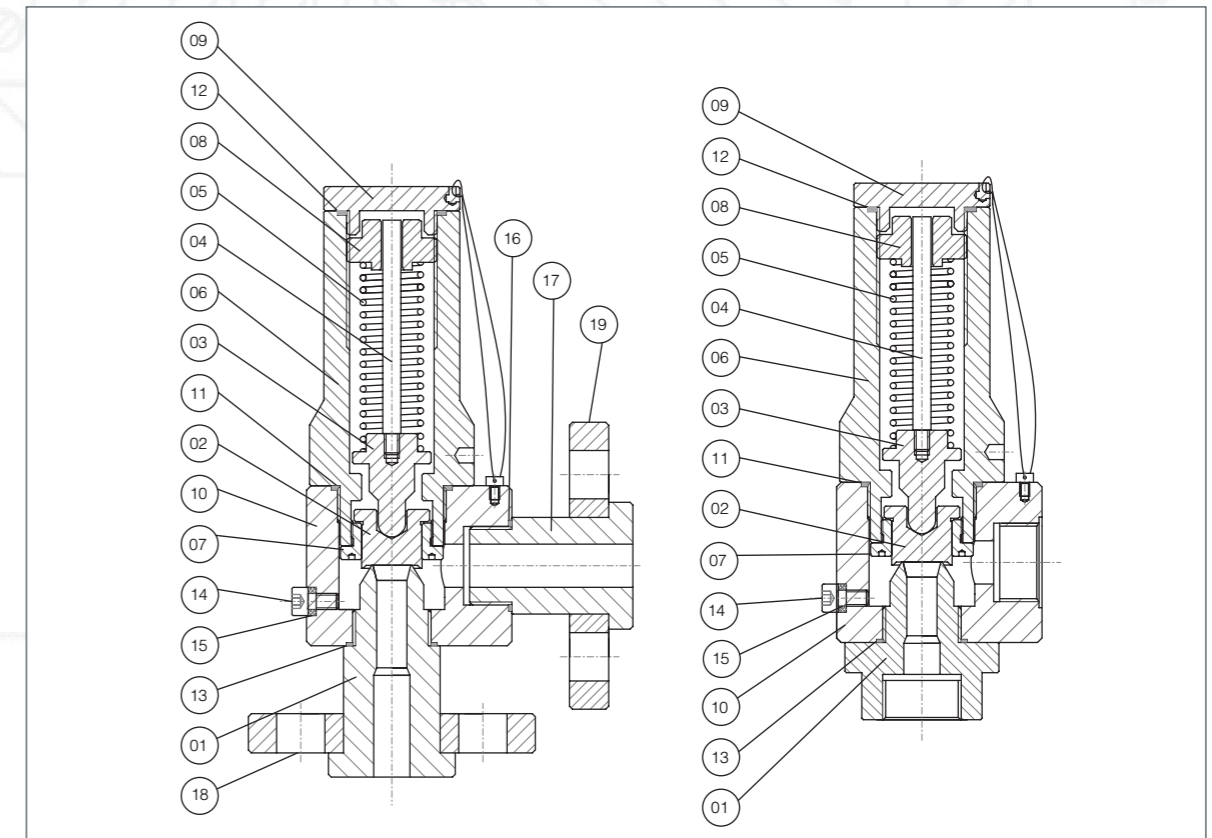
OUTLET CONNECTIONS

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



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.

Version "B" MATERIALS

CHARACTERISTICS

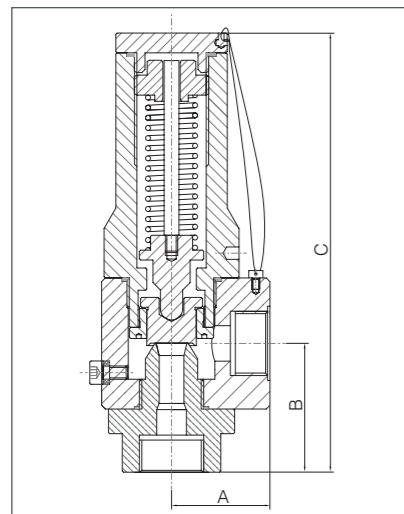
Orifice \varnothing / mm	10	14	
Discharge area / cm ²	0.785	1.54	
Pressure range / bar	0.5 ÷ 12	0.5 ÷ 12	

INLET CONNECTIONS

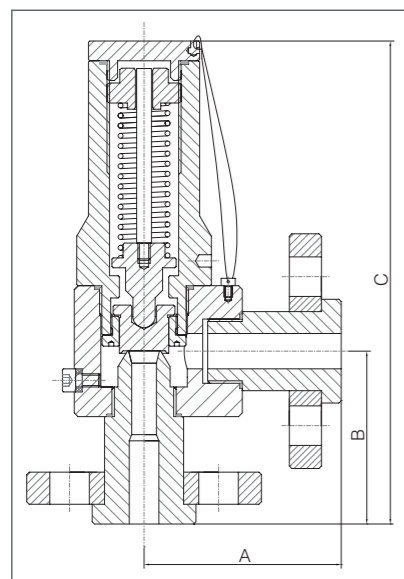
Threaded	1/2" - 3/4" - 1"	GAS	
Flanged / ASME	1/2" - 3/4" - 1"	150# ÷ 300#	RF / FF
Flanged / DIN	DN15 ÷ DN25	PN16 ÷ PN40	

OUTLET CONNECTIONS

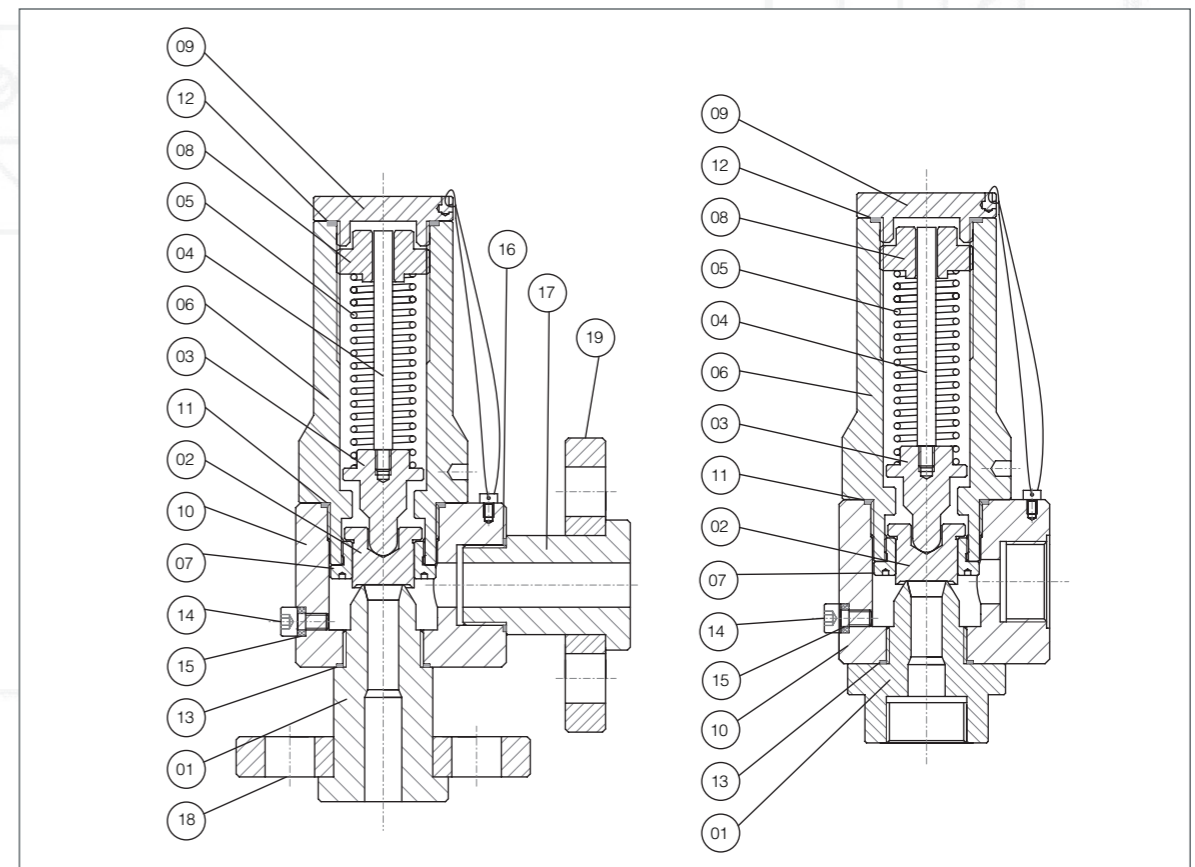
Threaded	1"	GAS	
Flanged / ASME	1"	150# ÷ 300#	RF / FF
Flanged / DIN	DN25	PN16 ÷ PN40	



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

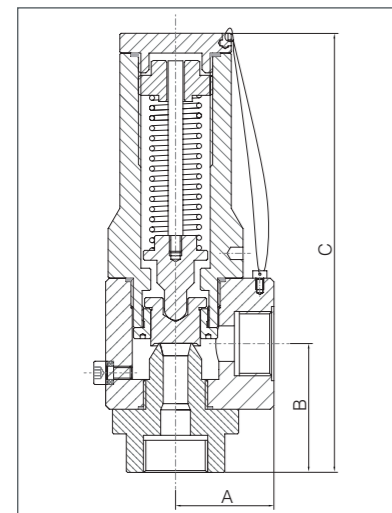
Orifice \varnothing / mm	14	20		
Discharge area / cm ²	1.54	3.14		
Pressure range / bar	0.5 ÷ 12	0.5 ÷ 9		

INLET CONNECTIONS

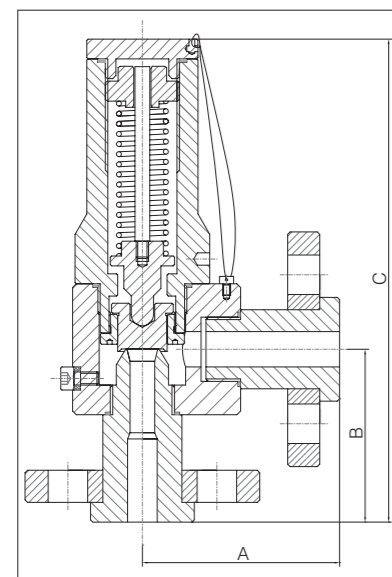
Threaded	1 1/2"	GAS / BSPP		
Flanged / ASME	1 1/2"	150# ÷ 2500#	RF / FF	
Flanged / DIN	DN40	PN16 ÷ PN40		

OUTLET CONNECTIONS

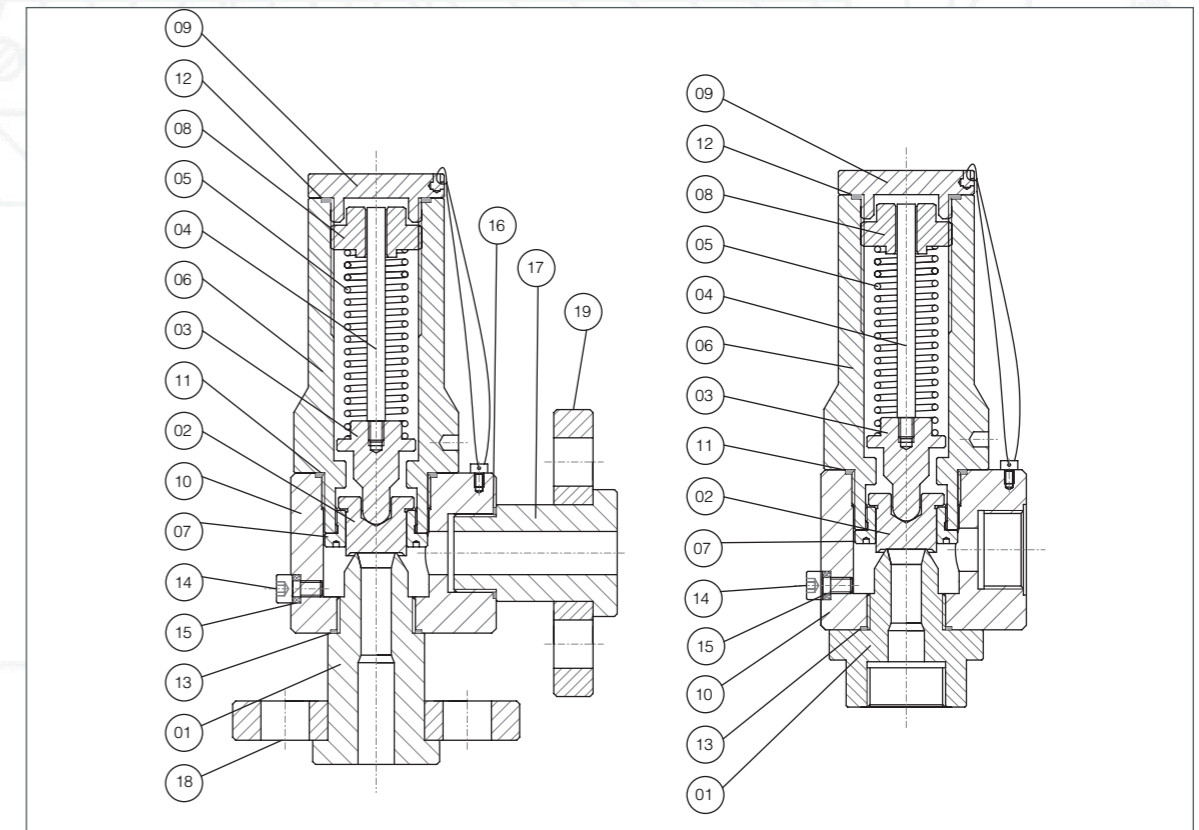
Threaded	1 1/2"	GAS / BSPP		
Flanged / ASME	1 1/2"	150# ÷ 300#	RF / FF	
Flanged / DIN	DN40	PN16 ÷ PN40		



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.

Version "D" MATERIALS

CHARACTERISTICS

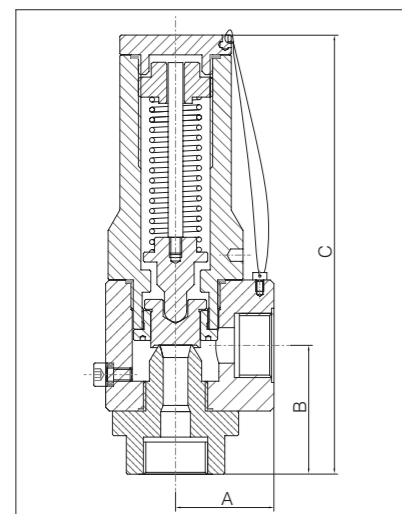
Orifice \varnothing / mm	20	25	30
Discharge area / cm ²	3.14	4.91	7.068
Pressure range / bar	0.5 ÷ 9	0.5 ÷ 8	0.5 ÷ 8

INLET CONNECTIONS

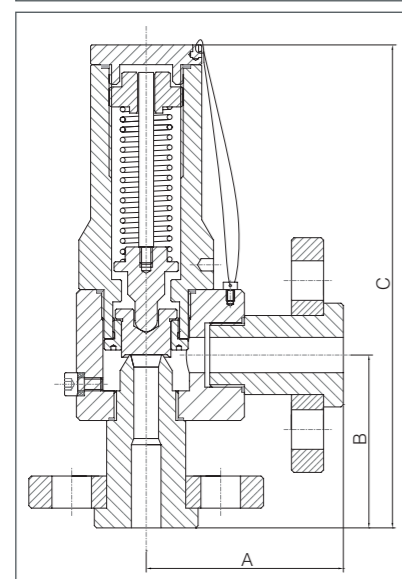
Threaded	1 1/2" - 2"	GAS / BSPP	
Flanged / ASME	1 1/2" - 2"	150# ÷ 300#	RF / FF
Flanged / DIN	DN40/DN50	PN16 ÷ PN40	

OUTLET CONNECTIONS

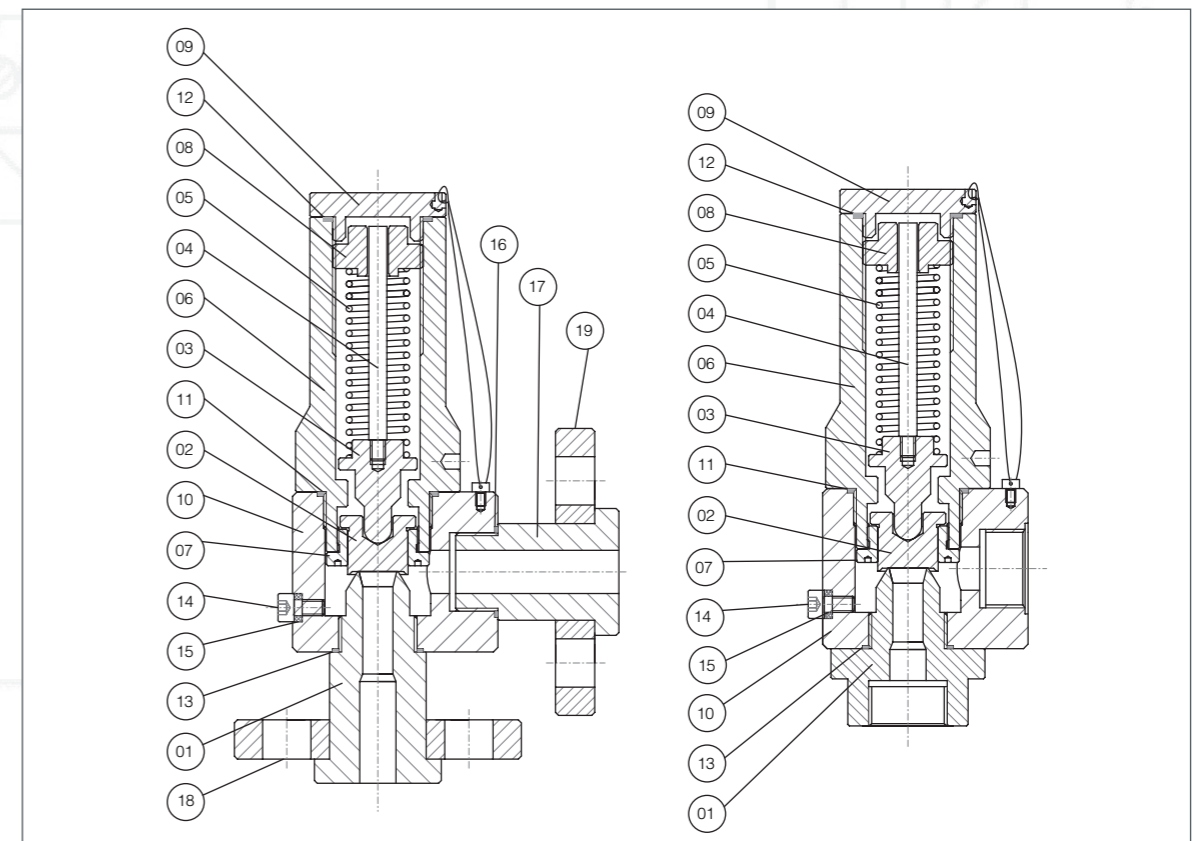
Threaded	2"	GAS / BSPP	
Flanged / ASME	2"	150# ÷ 300#	RF / FF
Flanged / DIN	DN50	PN16 ÷ PN40	



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

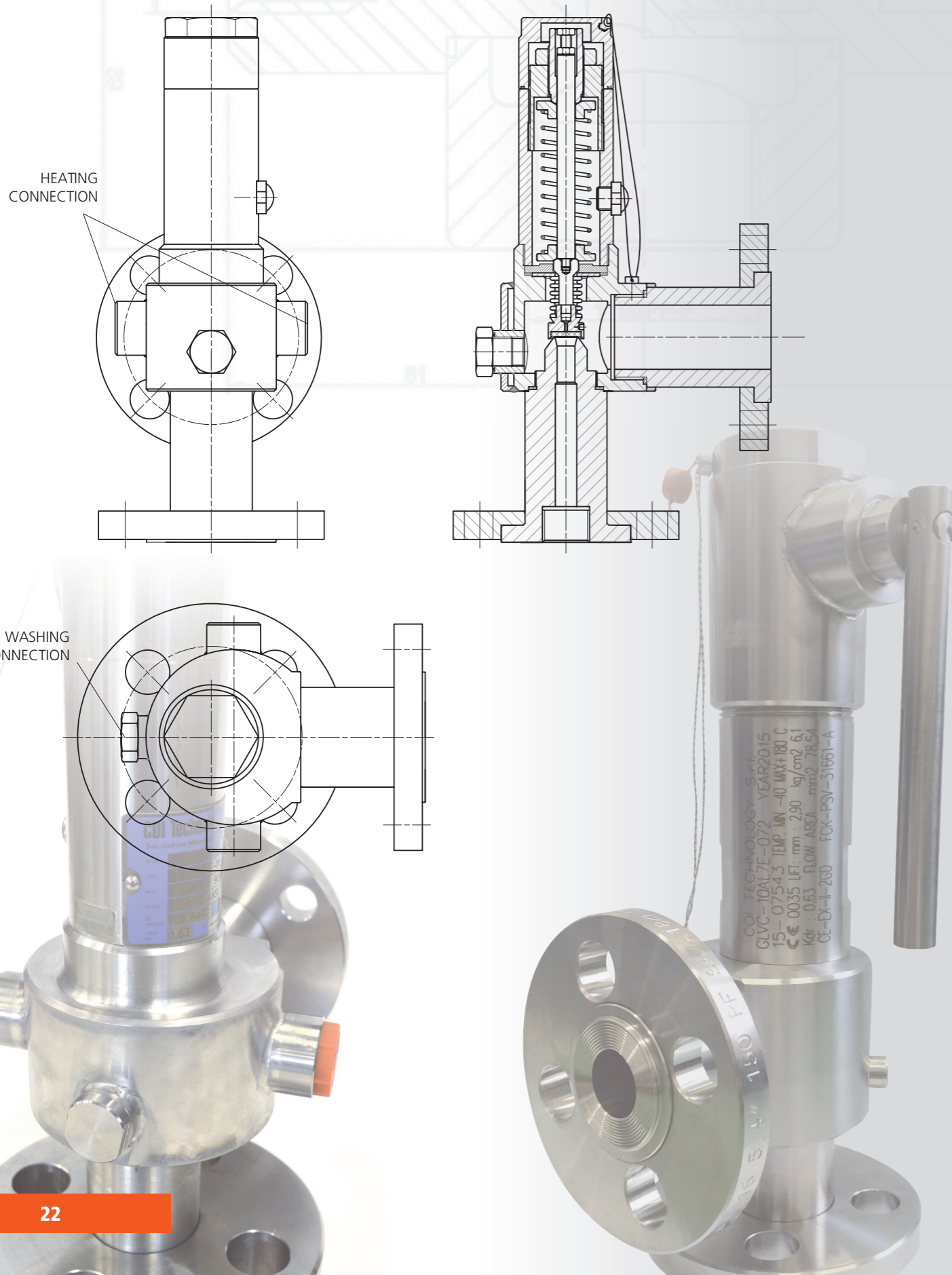


CONNECTIONS	FLANGED	A	B	C	WEIGHT
Type		mm	mm	mm	kg
1 1/2" x 2"	ASME 150÷300 x 150÷300	115	105	300	7
2" x 2"	ASME 150÷300 x 150÷300	115	115	310	7
DN40 x DN50	PN 16÷40 x 16÷40	115	105	300	7
DN50 x DN50	PN 16÷40 x 16÷40	115	115	310	7

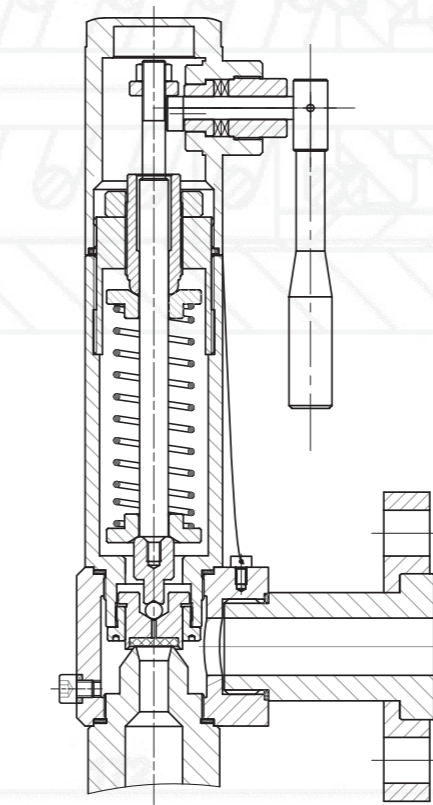


PART NAME		MATERIAL CODE			
		063	126	062	128
01	NOZZLE	PVC	PVC	PP	PP
02	DISC	PTFE	PTFE	PTFE	PTFE
03	LOWER WASHER	PVC	PVC	PP	PP
04	STEM	PVC	PVC	PP	PP
05	SPRING	ALL. STEEL	ALL. STEEL	ALL. STEEL	ALL. STEEL
06	BONNET	PVC	PVC	PP	PP
07	GUIDE	PVC	PVC	PP	PP
08	SET SCREW	PVC	PVC	PP	PP
09	CAP	PVC	PVC	PP	PP
10	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.

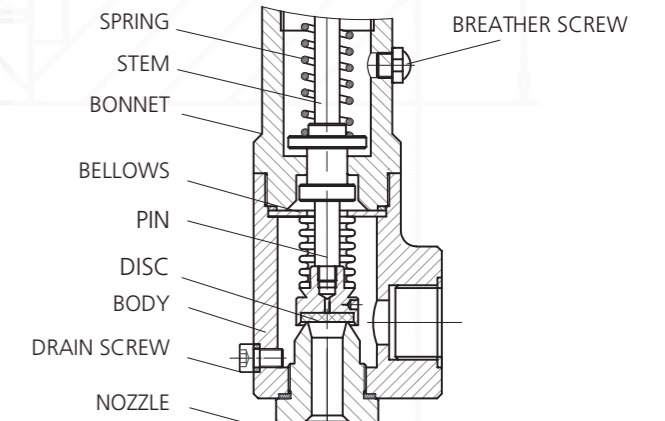
HEATING AND WASHING JACKET



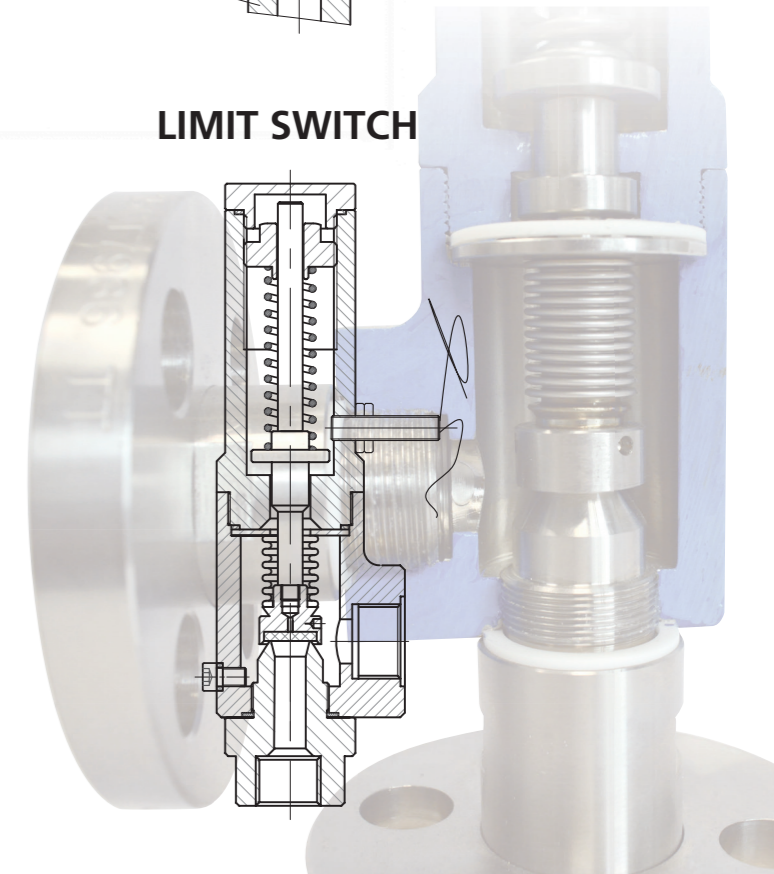
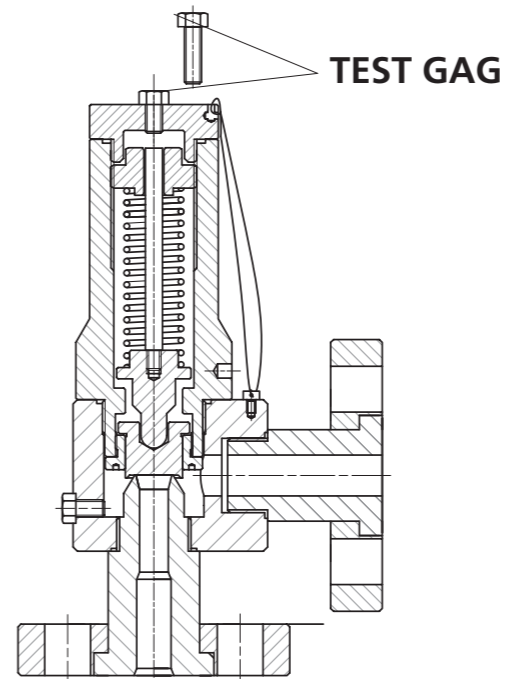
LIFTING PACKED LEVER



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 K _{dr}		
SET PRESSURE	PS		
COLD DIFF. PRESSURE	NOZZLE MATERIAL		
TAG N°	YEAR		

CE II 2 GD TÜV 0035 ATEX

Part Code description:

GLV C-xx xx xx-xxx

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

Example:

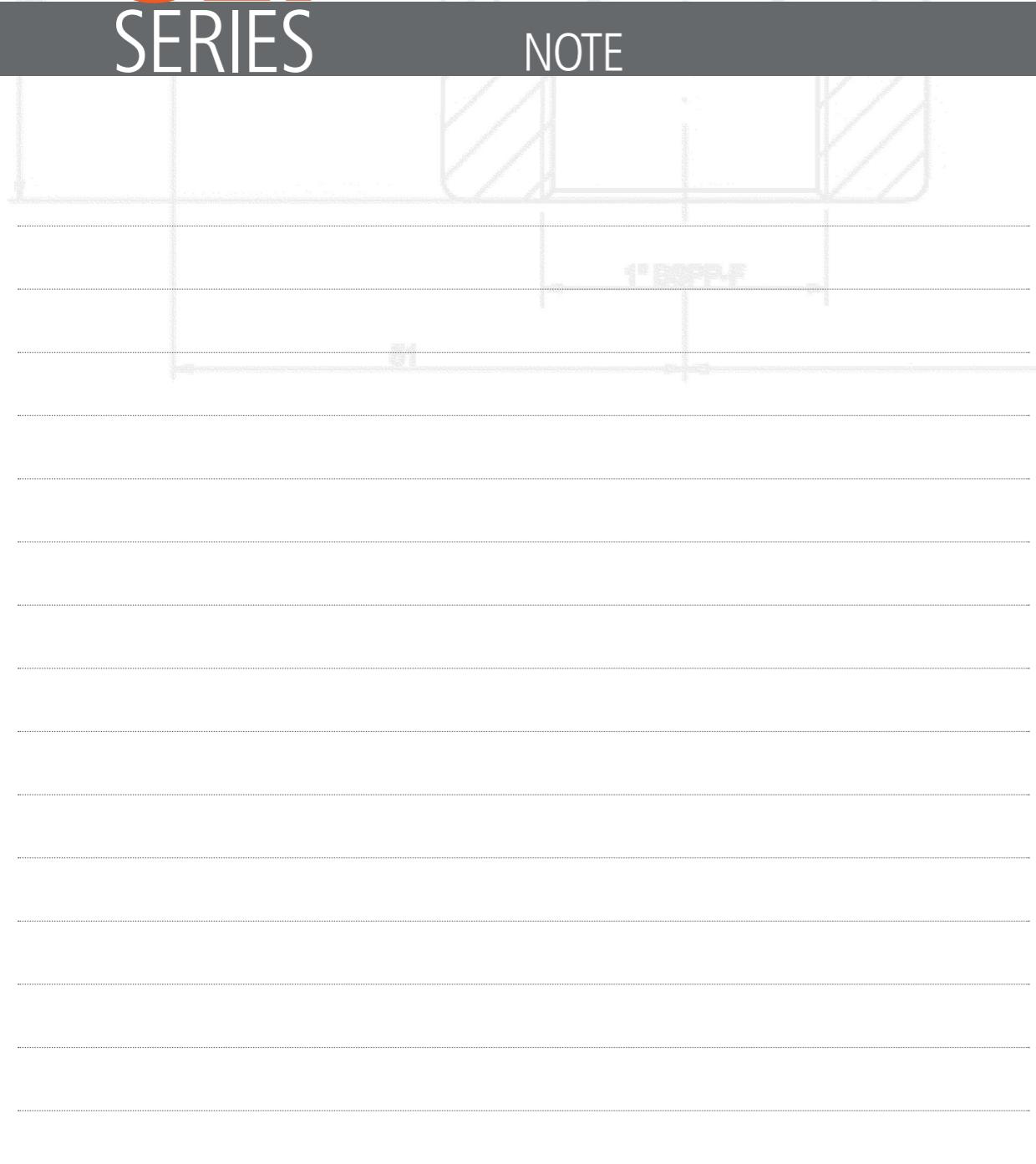
GLV C-10 AL 03-011

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

CERTIFICATES

GLV SERIES

NOTE



Certificate

Standard **ISO 9001:2015**

Certificate No. 39 00 0701803

Certificate Holder: TÜV Rheinland Italia S.r.l. certifies:
COI Technology S.r.l.
Via della Liberazione, 29/d
20098 San Giuliano Milanese (MI)
Italy

Scope: Design and manufacturing of safety valves.

IAF sector: 17

Validity: Proof has been furnished by means of an audit that the requirements according to ISO 9001:2015 are fulfilled.
The due date for all future audits is 10-03
The certificate is valid from 2018-09-15 until 2021-09-14
First certification 2013

2018-09-15

Bescheinigung über die Hinterlegung der Dokumentation

Certification of acknowledgement of receipt

Hinterlegungsnummer **557/Ex-Ab 2893/18**

Gegenstand: Gerät / Typ **557/Ex-Ab 2893/18**
Subject: Equipment / type **Technische Dokumentation**
Technical documentation

Anschrift **COI TECHNOLOGY SRL**
Address **Via Della Liberazione 29/d**
20098 San Giuliano Milanese (MI)
Italy

Die Unterlagen sind bei uns am 2018-06-28 eingegangen und werden unter o. g. Hinterlegungs-Nr. ordnungsgemäß gelagert bis 2028-06-28.
The documents were received 2018-06-28 and will be stored properly until 2028-06-28 under deposit number above.

Die TÜV Rheinland Industrie Service GmbH ist mit der Kenn-Nr. 0035 benannte Stelle für den Geltungsbereich der Richtlinie 2014/34/EU.
TÜV Rheinland Industrie Service GmbH has notified body number 0035 with the identification of the scope of Directive 2014/34/EU.

TÜV Rheinland Industrie Service GmbH
Anerkannte ATEX-Zertifizierungsstelle / ATEX-Notified Body No. 0035
Am Grauen Stein - 51105 Köln - Germany
(bearbeitende Stelle/executing unit:
Alfredstr. 81, 45130 Essen)

2018-06-28

CERTIFICATO CERTIFICATE

CONFORMITÀ BASATA SULLA GARANZIA TOTALE DI QUALITÀ CON CONTROLLO DELLA PROGETTAZIONE
CONFORMITY BASED ON FULL QUALITY ASSURANCE PLUS DESIGN EXAMINATION

IN ACCORDO ALLA DIRETTIVA 2014/68/EU
ACCORDING TO DIRECTIVE 2014/68/EU

Certificato N. **I-202-IT/Q-18 0006** REV. 00

Fabbricante **COI TECHNOLOGY S.r.l.**
Manufacturer **Via della Liberazione, 29/D**
20098 San Giuliano Milanese (MI)
Italy

Si certifica che il sistema di qualità per la progettazione, la fabbricazione, l'ispezione del prodotto finito e le prove istituito dal Fabbricante soddisfa i requisiti della direttiva 2014/68/EU. Il Fabbricante è autorizzato a marcare i prodotti con:
We hereby certify that quality system for design, manufacture and final product inspection and testing established by the Manufacturer fulfills the requirements of directive 2014/68/EU. The Manufacturer is entitled to mark the products with:

CE 1936

Verificato in accordo alla direttiva 2014/68/EU
Tested according to directive 2014/68/EU

Accessori di Sicurezza **VALVOLE DI SICUREZZA**
Safety Accessories **SAFETY VALVES**

Rapporto n. **P301170040/38002/DR**

Certificato di riferimento **I-202-IT/H1-18 0007 REV. 00**
Reference certificate **I-202-IT/H1-18 0008 REV. 00**
Emesso da **TÜV Rheinland Italia**
Issued by

Certificati di riferimento **Vedi Allegato I - parte integrante del presente certificato**
Reference certificates **See Annex I - integral part of this certificate**

Sito di produzione **COI TECHNOLOGY S.r.l.**
Manufacturing plant **Via della Liberazione, 29/D**
20098 San Giuliano Milanese (MI)
Italy

Prima emissione **02/03/2018**
First issue

Valido fino al **01/03/2021**
Valid until

Luogo e Data di Emissione **Pogliano M.se (MI)**
Issue place and date **02/03/2018**

TÜV Rheinland Italia S.r.l.
Via E. Mattei, 3
20010 Pogliano Milanese (MI) - ITALY

Tel: +39 02 939 6871
Fax: +39 02 939 68723

Organismo Notificato n. 1936
Notified Body no. 1936

www.tuv.com

ОРГАН ПО СЕРТИФИКАЦИИ

Серия RU № 0246592

ОРГАН ПО СЕРТИФИКАЦИИ Орган по сертификации продукции "ИВАНОВО-СЕРТИФИКАТ" Общество с ограниченной ответственностью "Ивановский Фонд Сертификации", Адрес: 153032, Российская Федерация, Ивановская область, город Иваново, улица Станкостроителей, дом 1; Фактический адрес: 153032, Россия, Ивановская обл., г. Иваново, ул. Станкостроителей, дом 1; Телефон: (4932) 23-97-48; Факс: (4932) 23-97-48; E-mail: ivf@mail.ru; Аттестат аккредитации № РОСС RU.0001.11A130 от 20.08.2014 г., выдан Федеральным службой по аккредитации

ЗАЯВИТЕЛЬ Общество с ограниченной ответственностью "ТехноЭксперт", Адрес: 191186, РОССИЯ, г. Санкт-Петербург, Невский пр-кт, д. № 22-24, лит. А, пом. 23, ОГРН: 1137847294860, Телефон: 89219442069, Факс: 88124297217, E-mail: technoexpert.spb@gmail.com

ИЗГОТОВИТЕЛЬ Фирма "COI TECHNOLOGY S.R.L.", Адрес: ИТАЛИЯ, Via della Liberazione 29/d - 20098 San Giuliano Milanese (Milano), Телефон: +390236689480, Факс: +390299767875

ПРОДУКЦИЯ Клапаны предохранительные (категория оборудования-4), серии GLV, SLK, типы: GLVC (PN 120 MPa; DN от 15 до 50 мм; Среды - жидкость, группа 2; Максимальная температура среды - 800 °C); SLKC (PN 80 MPa; DN от 15 до 50 мм; Среды - газ, группа 2; Максимальная температура среды - 800 °C); SLKA (PN 80 MPa; DN от 15 до 50 мм; Среды - газ, группа 2; Максимальная температура среды - 800 °C). Серийный выпуск, Европейская директива 97/23/EC.

КОД НА ВЗАТС 8481409009

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ ТР ТС 032/2013 "О безопасности оборудования, работающего под избыточным давлением"

СЕРТИФИКАТ ВЫДАН НА ОСНОВАНИИ Протокол испытаний № 14122/01-021 от 22.12.2014 г. - ИЛ ООО "Ивановский Фонд Сертификации" (Аттестат аккредитации № РОСС RU.0001.21AK021 от 18.02.2015 г.), 153032, г. Иваново, ул. Станкостроителей, д. 1. Оборудование безопасности № 61н от 20.08.2014 г. Акт анализа состояния производства № 14112/02/ТРТС/РА от 16.12.2014 г., выдан ОС продукции "ИВАНОВО-СЕРТИФИКАТ" ООО "Ивановский Фонд Сертификации" (Аттестат аккредитации № РОСС RU.0001.11A130 от 01.03.2016 г.) 153032, г. Иваново, ул. Станкостроителей, д. 1. Сертификат системы менеджмента качества ISO 9001:2008 № 01 100 125538 от 05.03.2013 г., выдан ООО "TUV Rheinland Cert GmbH", Германия.

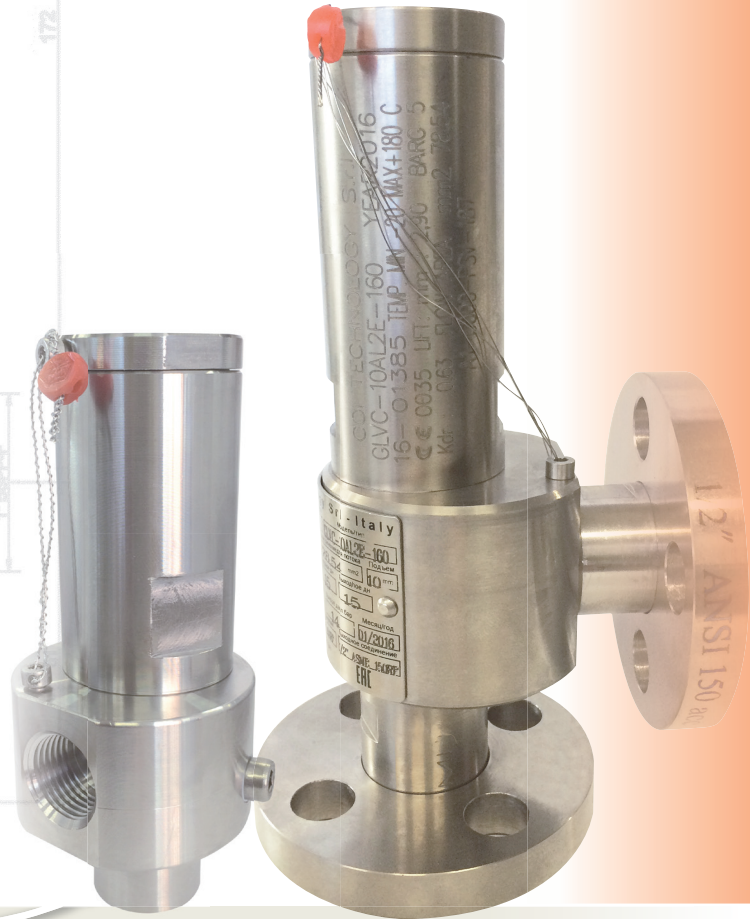
ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Договор на уполномоченное изготовителем лицо - ООО "ТехноЭксперт" № 61н от 01.12.2014 г. Условия хранения продукции в соответствии с ГОСТ 16150-89 Условия хранения, срок хранения (службы) указываются в сертификате и продукции тарах, в соответствии с инструкцией или эксплуатационной документацией. Схемы сертификации: 10

ОСНОВНЫЕ ДАТЫ: 23.04.2015 ПО 02.04.2020

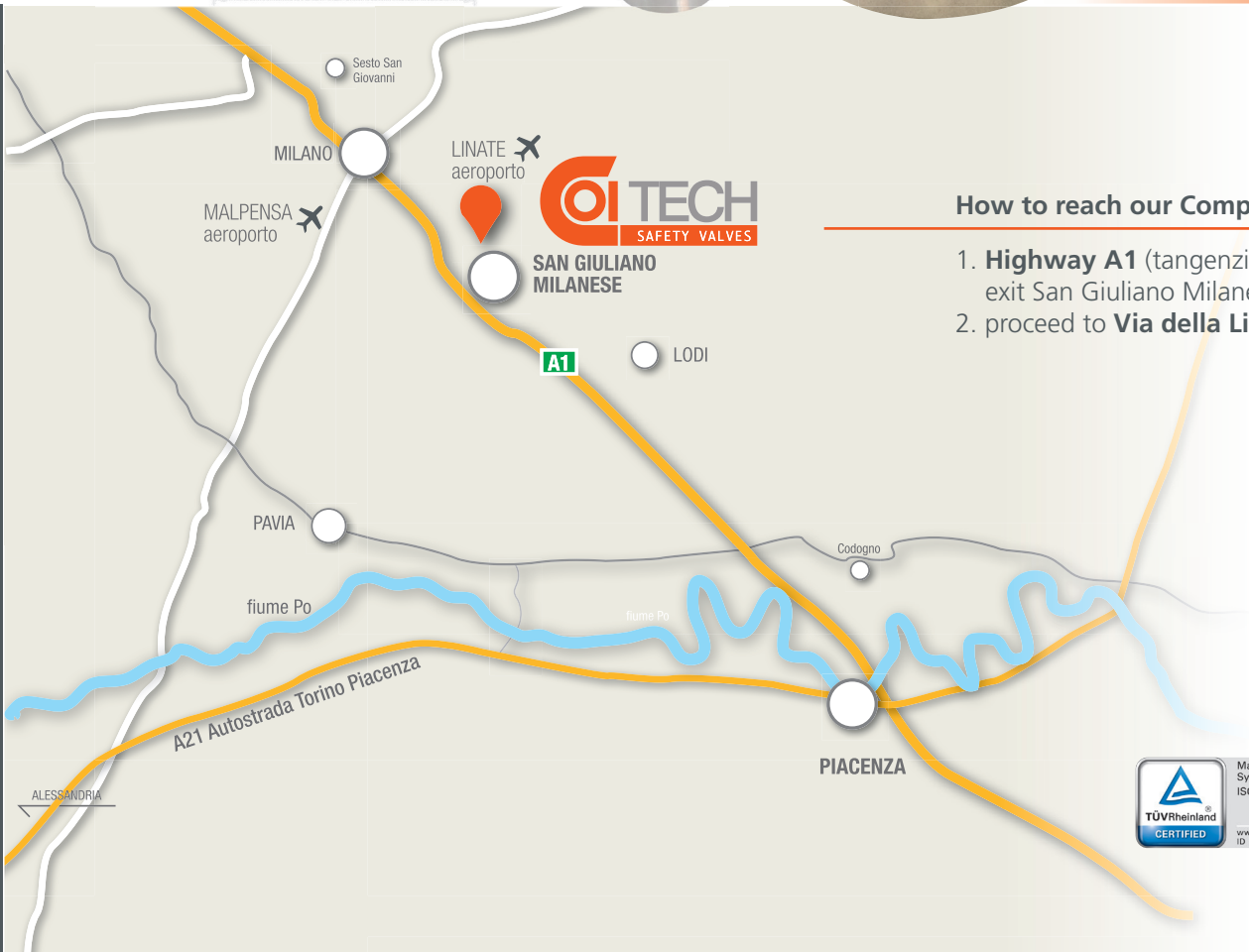
- NOTE:**
- Modifications reserved by Coi Technology SRL.
 - Dimensions and Materials can be changed without notice.
 - Parts can be replaced by other materials acc. to customer specification.
 - Please do not hesitate to contact our Commercial or Technical Department for further information on specific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



COI TECHNOLOGY S.r.l.
 Via della Liberazione, 29/D
 20098 San Giuliano Milanese (MI) Italy
 Tel. +39 02 36 68 94 80
 Fax +39 02 99 76 78 75
 E-mail: info@coitech.it
 www.coitech.it



LA CENTRALE COMUNICATI



How to reach our Company

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



Management System
 ISO 9001:2015
 www.tuv.com
 ID 9105022030

