



ETH



ETV



ETA

RELIEF VALVE



ETH

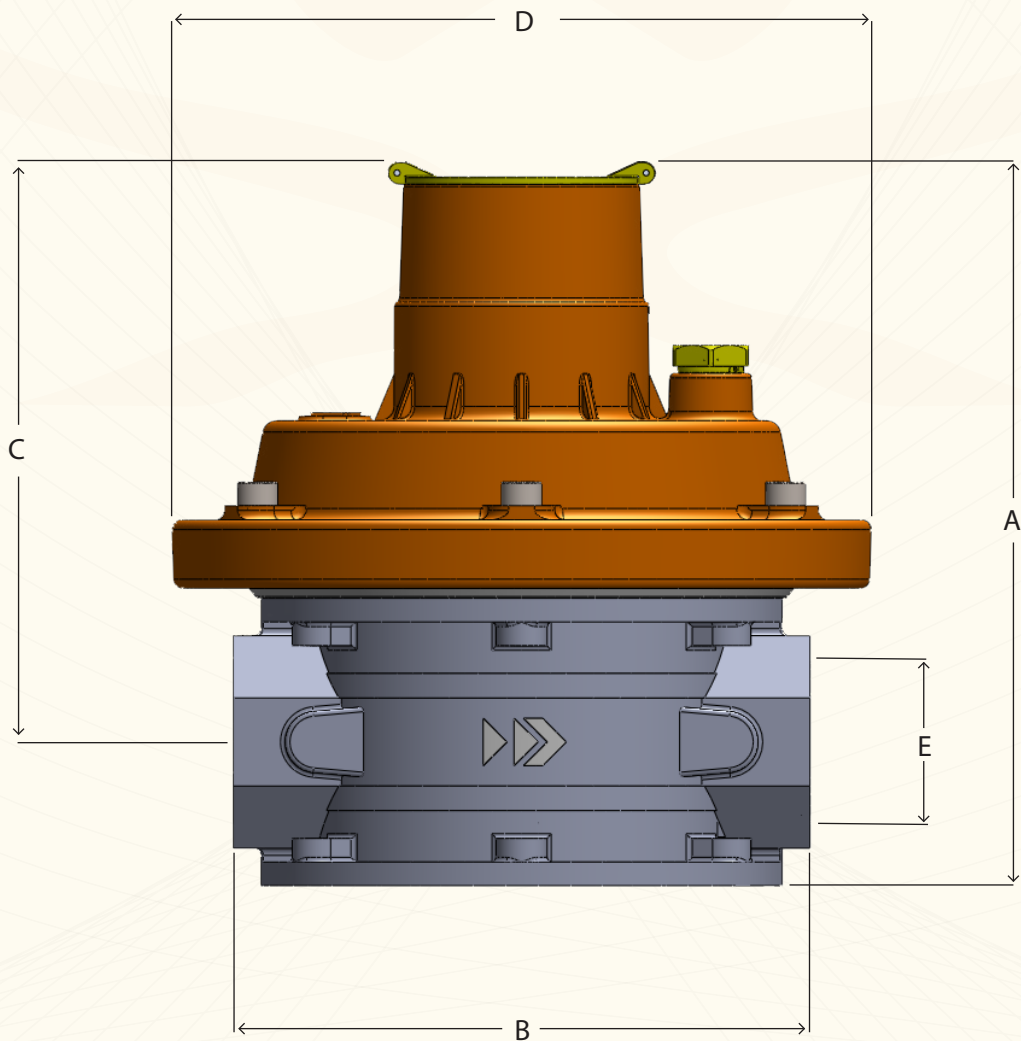


ETH-M

ETH

DIMENSIONS

SERIAL NO	PRODUCT	DIAMETER	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
MM.06.12.00	ETH 25	DN 25	153	122,5	120	147	G 1"



ETH series safety relief valves, mounted after the regulator, release a small amount of gas to the atmosphere in case the regulator does not close completely. Thus, temporary pressure jumps and excess gas flows are balanced before the safety shut-off valve is activated.

ETH series relief valves are designed for low and medium pressure ranges. They have extra sensitivity and high capacity values thanks to the diaphragm in their structure.

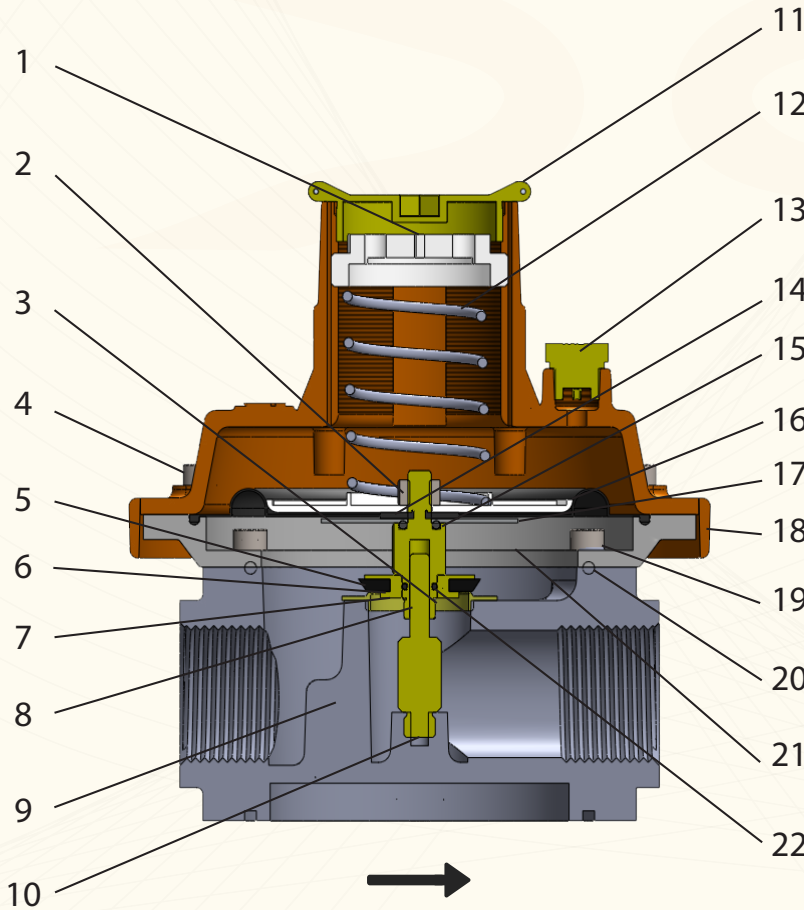
Automatic relief valves are produced according to EN ISO 4126 - 1 standard.

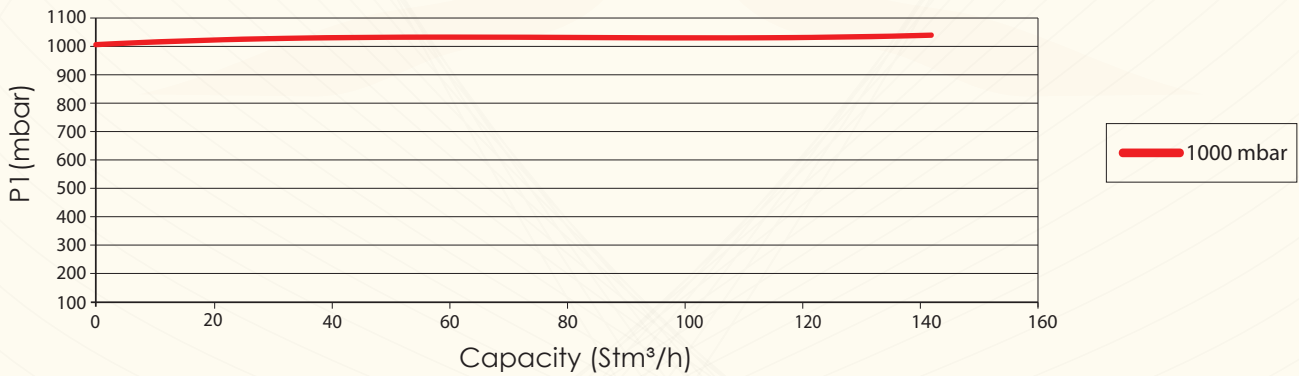
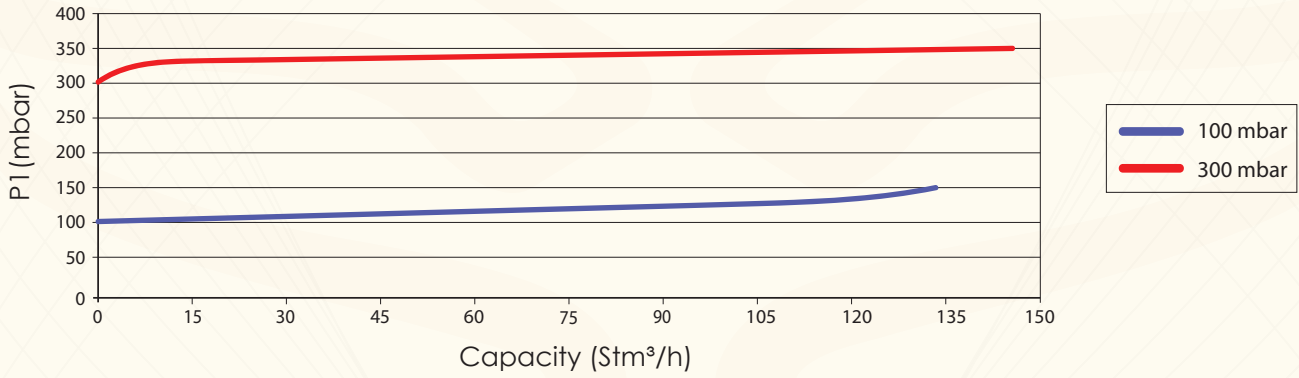
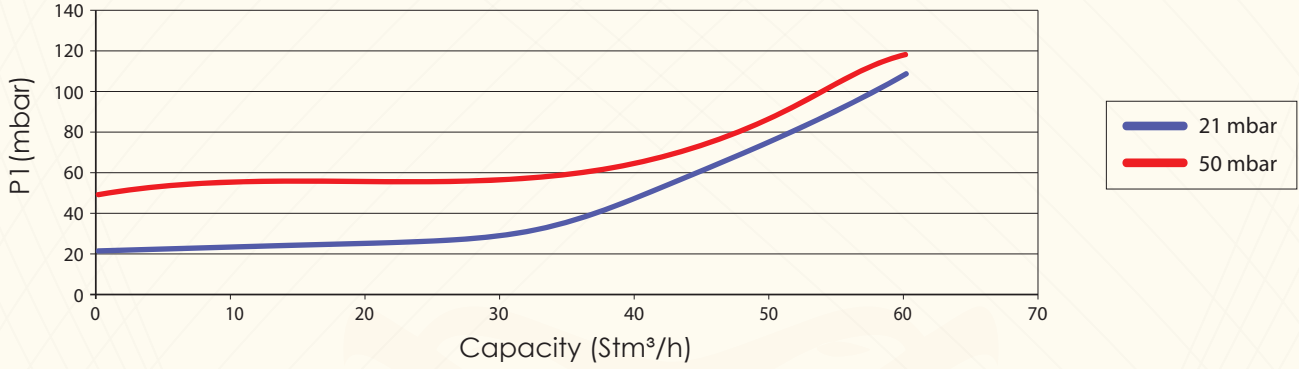
TECHNICAL SPECIFICATIONS

CONNECTION	SET PRESSURE	PRESSURE CLASS	WORKING TEMPERATURE	USE AREAS
Threaded DN25 x DN25	21-1000 mbar	PN 1	-15 °C / +70 °C	City networks and in industrial uses; Natural gas (group ch4), LPG, Propane, Air(79% nitrogen, 20.1% oxygen) and other corrosive non-gases

MATERIALS

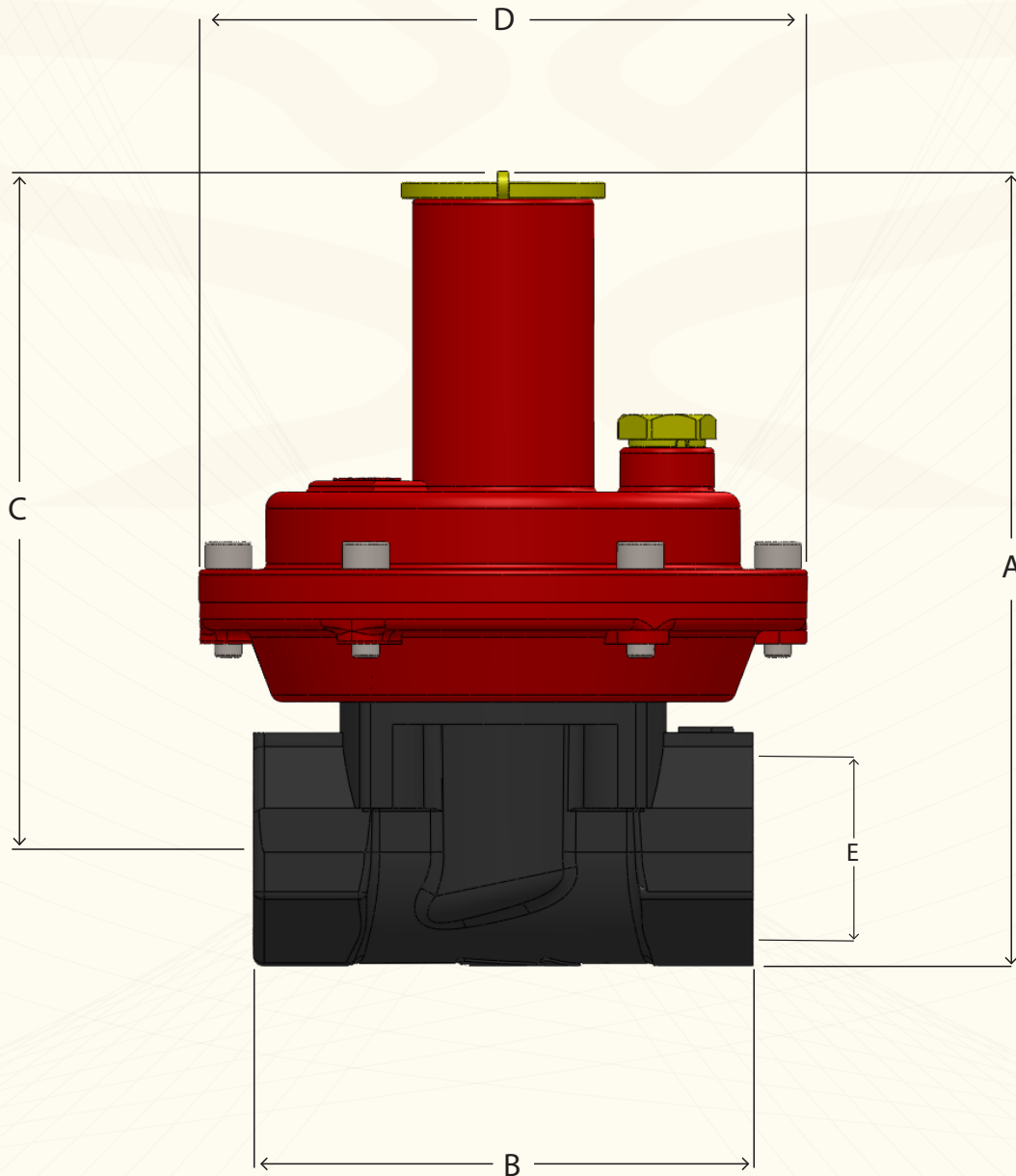
1	TOP COVER
2	8 OUTER RING
3	M5x12 DIN 912
4	M5x16 DIN 912
5	SQUARE SEAL
6	SEAT
7	BODY
8	DIAPHRAGM SHAFT
9	GASKET
10	MAIN DIAPHRAGM SHAFT
11	ADJUSTING SCREW
12	MAIN DIAPHRAGM SPRING
13	Ø4x2 O-RING
14	MAIN DIAPHRAGM
15	6.5x2 O-RING
16	MAIN DIAPHRAGM SUPPORT PART
17	GASKET SHAFT SUPPORT
18	FLANGED NUT
19	Ø83x3 O-RING
20	ADJUSTING SPRING COVER
21	MIDDLE BODY
22	6x1.5 O-RING





SETTING RANGE	
PRODUCT CODE	RANGE (mbar)
MM.06.12.10	21 - 75
MM.06.12.11	75 - 150
MM.06.12.12	150 - 250
MM.06.12.13	250 - 450
MM.06.12.20	450 - 1150

DIMENSIONS							
SERIAL NO	PRODUCT	DIAMETER	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
MM.06.11.00	ETH-M 25	DN 25	144	90	123	110	G 1"

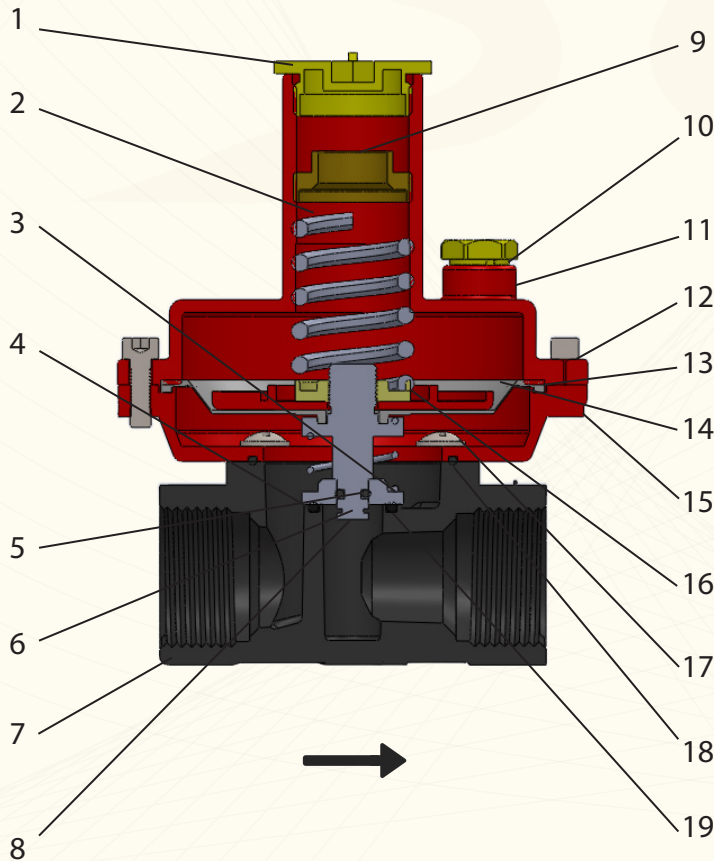


ETH series safety relief valves, mounted after the regulator, release a small amount of gas into the atmosphere in case the regulator does not close completely. Thus, temporary pressure jumps and excess gas flows are balanced before the safety shut-off valve is activated.

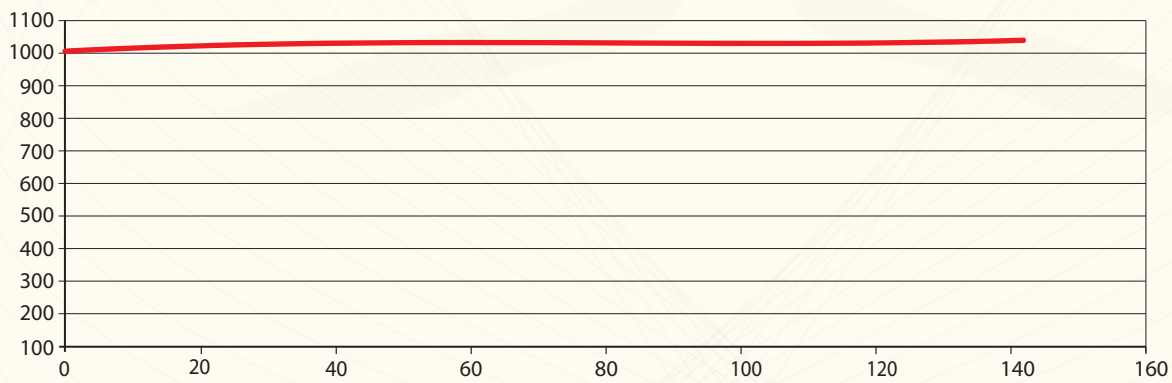
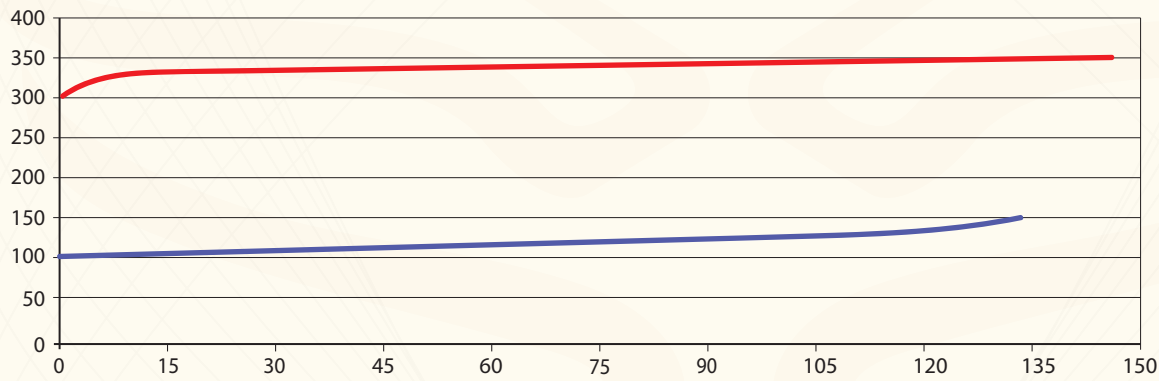
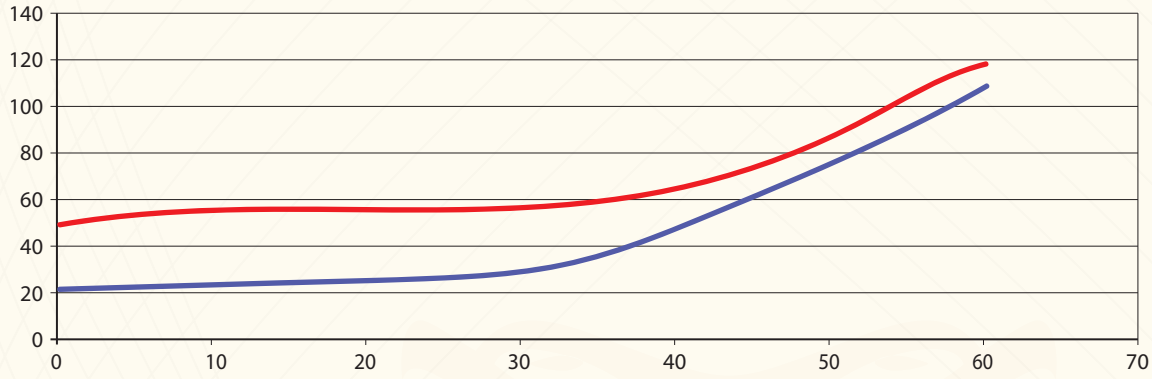
ETH series relief valves are designed for low and medium pressure ranges. They have extra sensitivity and high capacity values thanks to the diaphragm in their structure.

Automatic relief valves are produced according to EN ISO 4126 - 1 standard.

TECHNICAL SPECIFICATIONS				
CONNECTION	SET PRESSURE	PRESSURE CLASS	OPERATING TEMPERATURE	USE AREAS
Threaded DN25 x DN25	21-1000 mbar	PN 1	-15 °C / +70 °C	City networks and in industrial uses; Natural gas (group ch4), LPG, Propane, Air(79%) nitrogen, 20.1% oxygen) and other corrosive non-gases



MATERIALS	
1	BLIND COVER
2	SPRING
3	GASKET SPRING
4	GASKET
5	5x2 O-RING
6	DIN 6799 - Retaining rings for shafts
7	BODY
8	GASKET SHAFT
9	ADJUSTING SCREW
10	VENT PLUG
11	COVER
12	DIN 912 M5x16
13	DİYAFRAM
14	DIAPHRAGM SUPPORT
15	INTERMEDIATE BODY
16	DIAPHRAGM TIGHTENING SCREW
17	SCREW M5x13
18	45x2 O-RING
19	16.3x2.4 O-RING
20	Ø4x2 O-RING



SETTING RANGE	
PRODUCT CODE	RANGE (mbar)
MM.06.11.10	21 - 75
MM.06.11.11	75 - 150
MM.06.11.12	150 - 250
MM.06.11.13	250 - 450
MM.06.11.20	450 - 1150

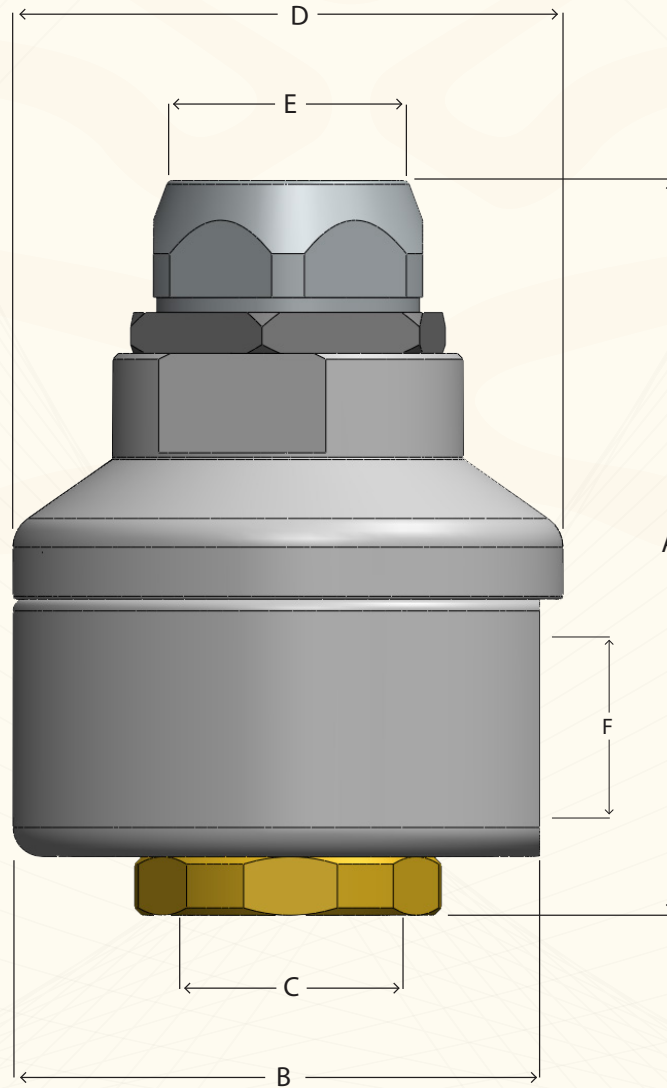


ETV-M

ETV

DIMENSIONS

SERIAL NO	PRODUCT	DIAMETER	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
MM.06.20.00	ETV-M 25	DN 25	125-145	90	G 1 "	94	SW40	G 1 "



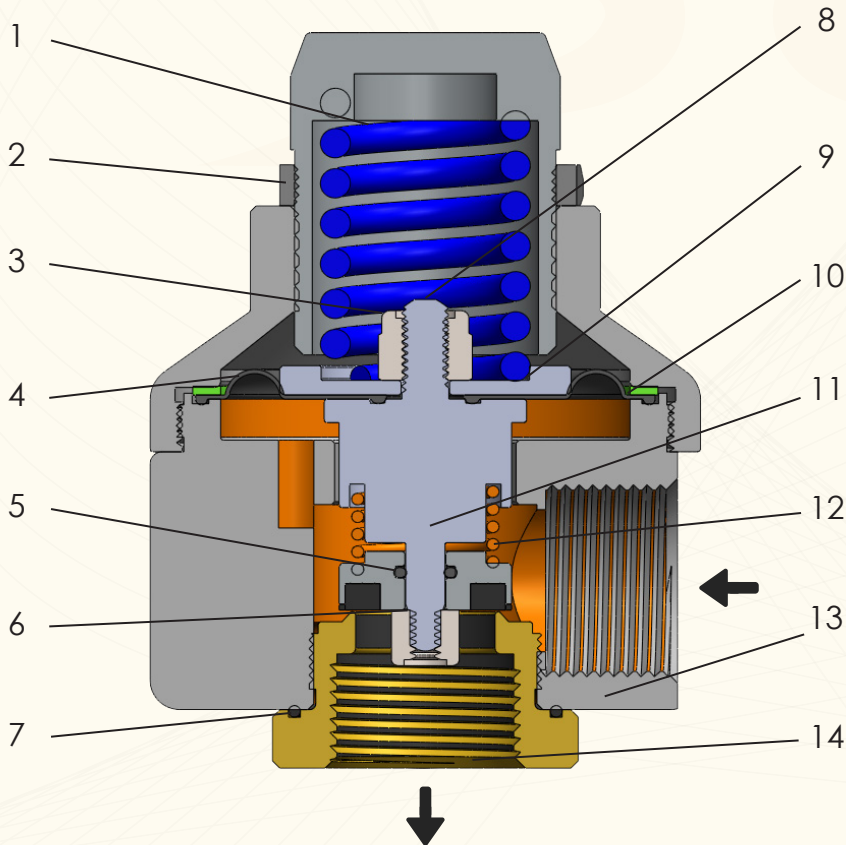
ETV-M series safety relief valves, mounted after the regulator, release a small amount of gas to the atmosphere in case the regulator does not close completely. Thus, temporary pressure jumps and excess gas flows are balanced before the safety shut-off valve is activated.

ETV-M series valves are designed for medium and high pressure ranges. It has extra sensitivity and high capacity values thanks to the diaphragm in its structure.

Automatic relief valves are produced according to EN ISO 4126 - 1 standard.

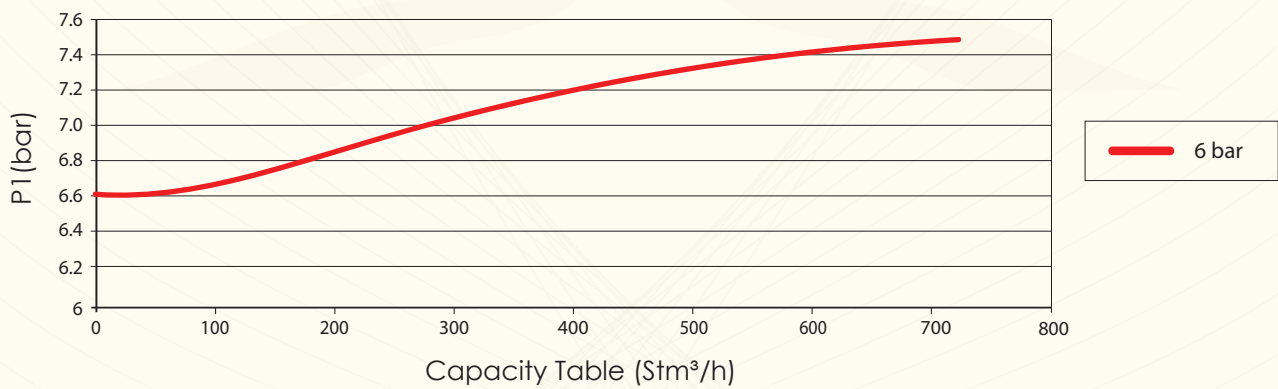
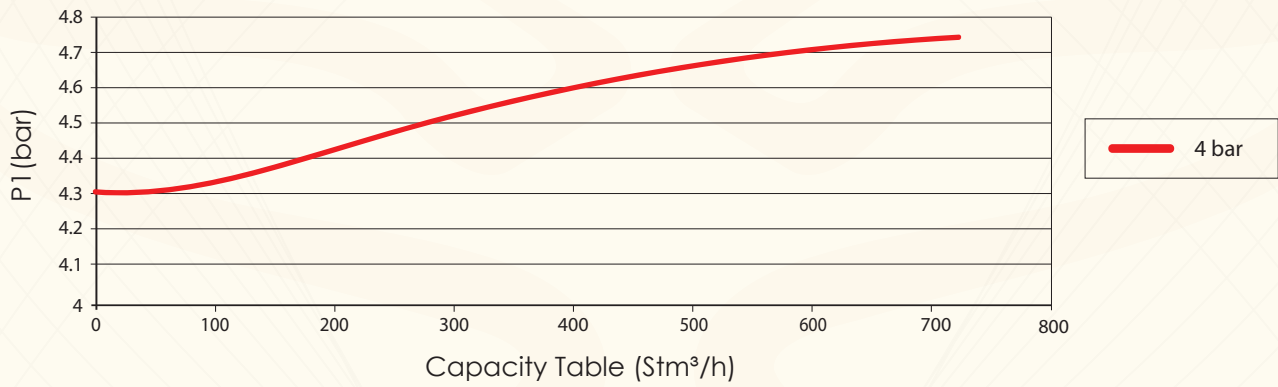
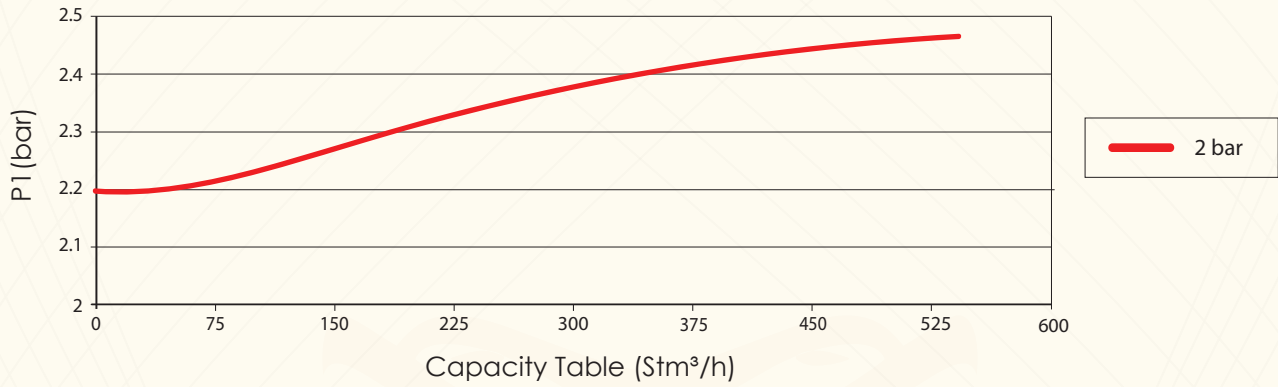
TECHNICAL SPECIFICATIONS

CONNECTION	SET PRESSURE	PRESSURE CLASS	OPERATING TEMPERATURE	USE AREAS
THREADED DN25 x DN25	1-6 BAR	CLASS 600	-15 °C / +70 °C	City networks and in industrial uses; Natural gas (group ch4), LPG, Propane, Air(79% nitrogen, 20.1% oxygen) and other corrosive non-gases

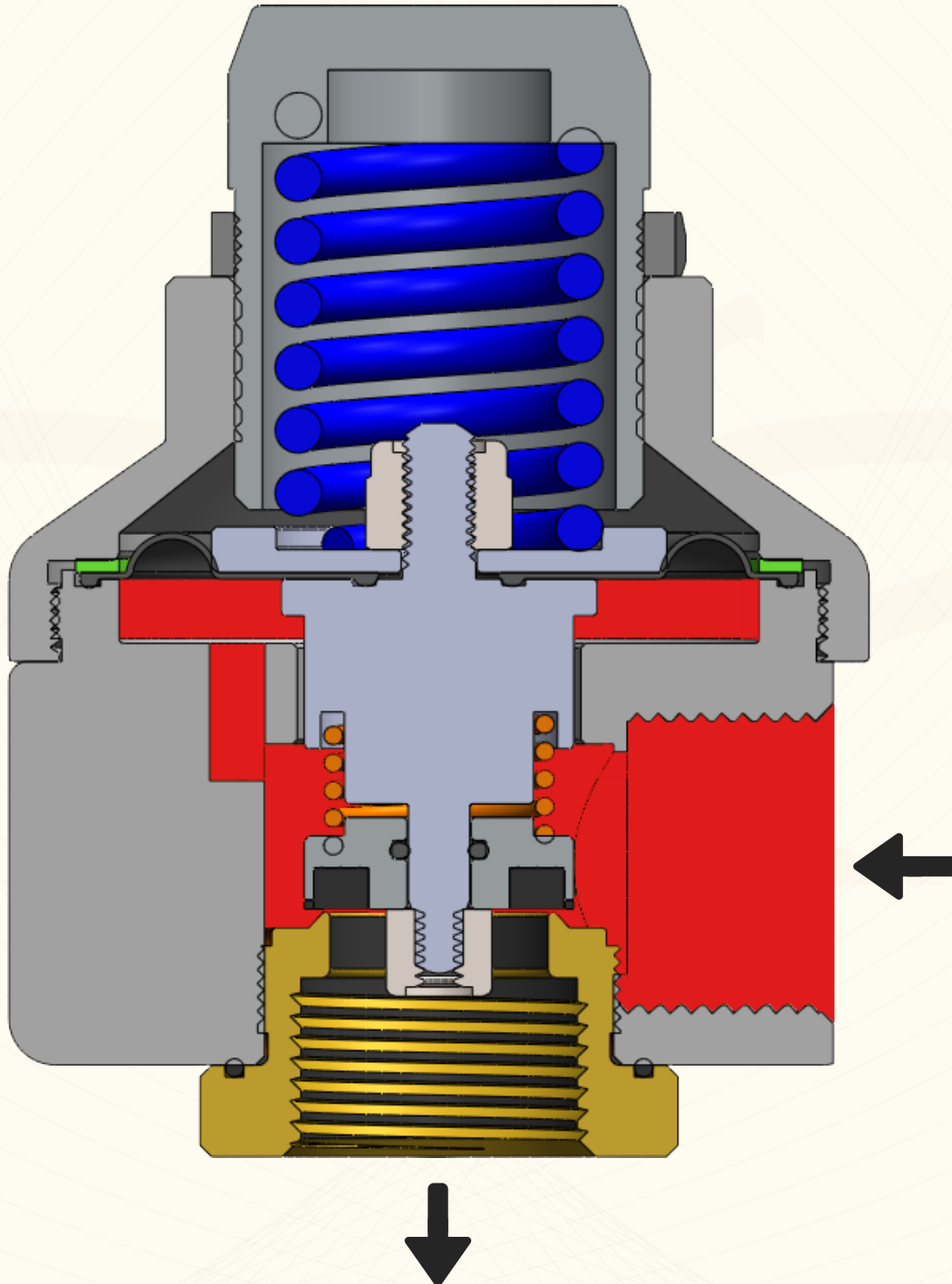


MATERIALS

1	SPRING ADJUSTMENT COVER
2	LONG NUT
3	FIBER NUT
4	DIAPHRAGM
5	8,76 x 1,78 O-RING
6	43 x 20-RING
7	GASKET
8	REGULATOR SPRING
9	DIAPHRAGM SHEET
10	DIAPHRAGM CLINGER SEAL
11	DIAPHRAGM SHAFT
12	GASKET SPRING
13	BODY
14	SEAT
15	COVER
16	REGULATOR SPRING



SETTING RANGE	
PRODUCT CODE	RANGE (bar)
MM.06.20.21	1 - 3
MM.06.20.22	3 - 5
MM.06.20.23	5 - 7



 FEED PRESSURE



ETA



ETA-İG

ETA

DIMENSIONS

SERIAL NO	PRODUCT	DIAMETER	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
MM.06.30.00	ETA 25	DN 25	198,50	60	1" NPT	SW25	42	1" NPT

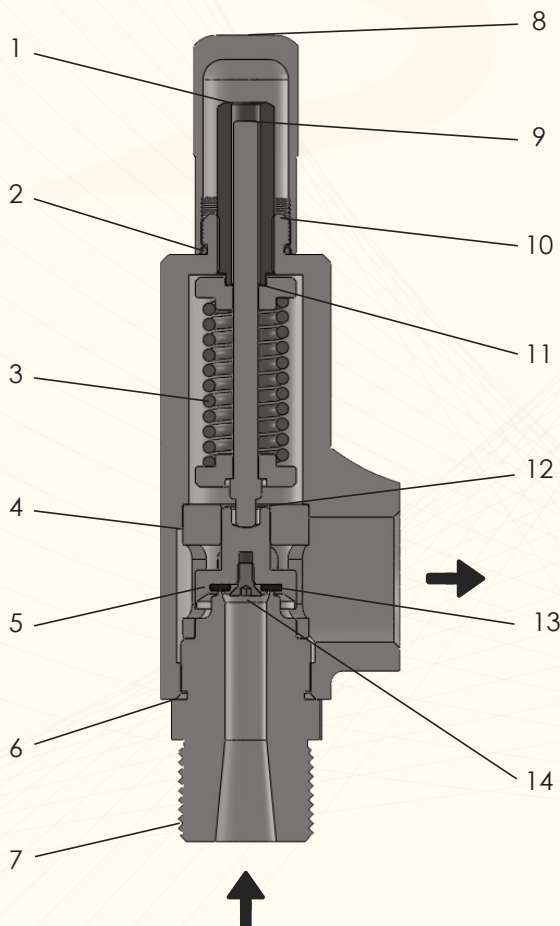


ETA series safety relief valves, mounted after the regulator, release a small amount of gas to the atmosphere in case the regulator does not close completely. Thus, temporary pressure jumps and excess gas flows are balanced before the safety shut-off valve is activated.

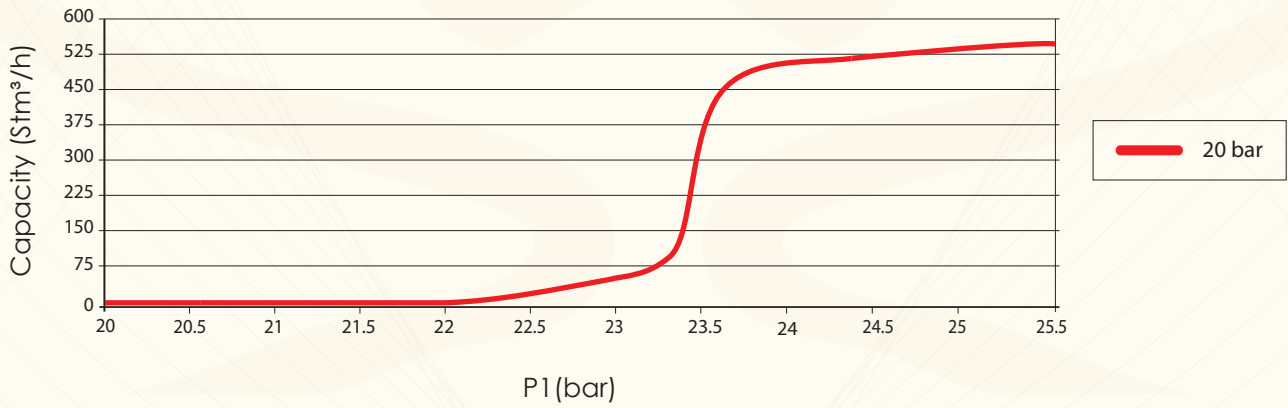
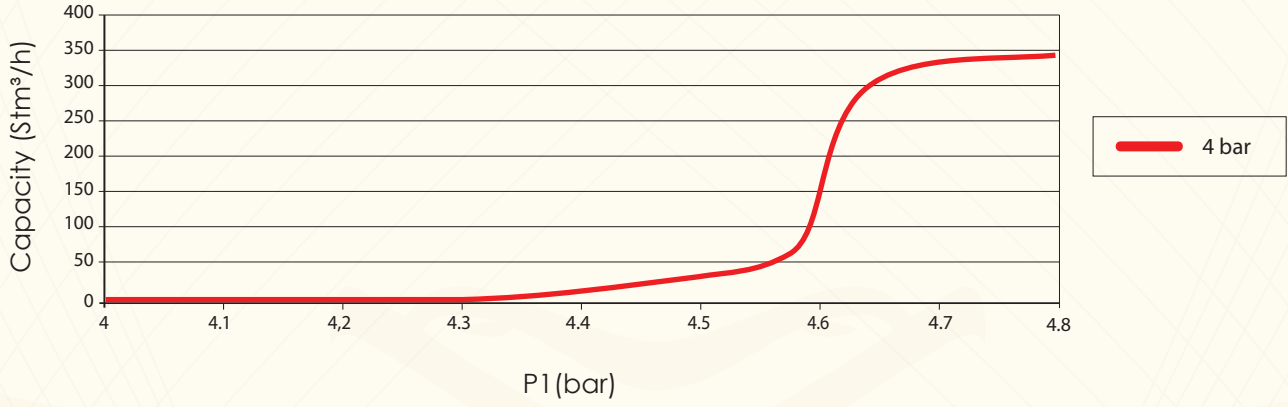
ETA series valves are designed for medium and high pressure ranges. It has a piston type working principle.

Automatic relief valves are produced according to EN ISO 4126 - 1 standard.

TECHNICAL SPECIFICATIONS				
CONNECTION	SET PRESSURE	PRESSURE CLASS	OPERATING TEMPERATURE	USE AREAS
Threaded DN25 x DN25	1-20 BAR	CLASS 600	-15 °C / +70 °C	City networks and in industrial uses; Natural gas (group ch4), LPG, Propane, Air(79% nitrogen, 20.1% oxygen) and other corrosive non-gases



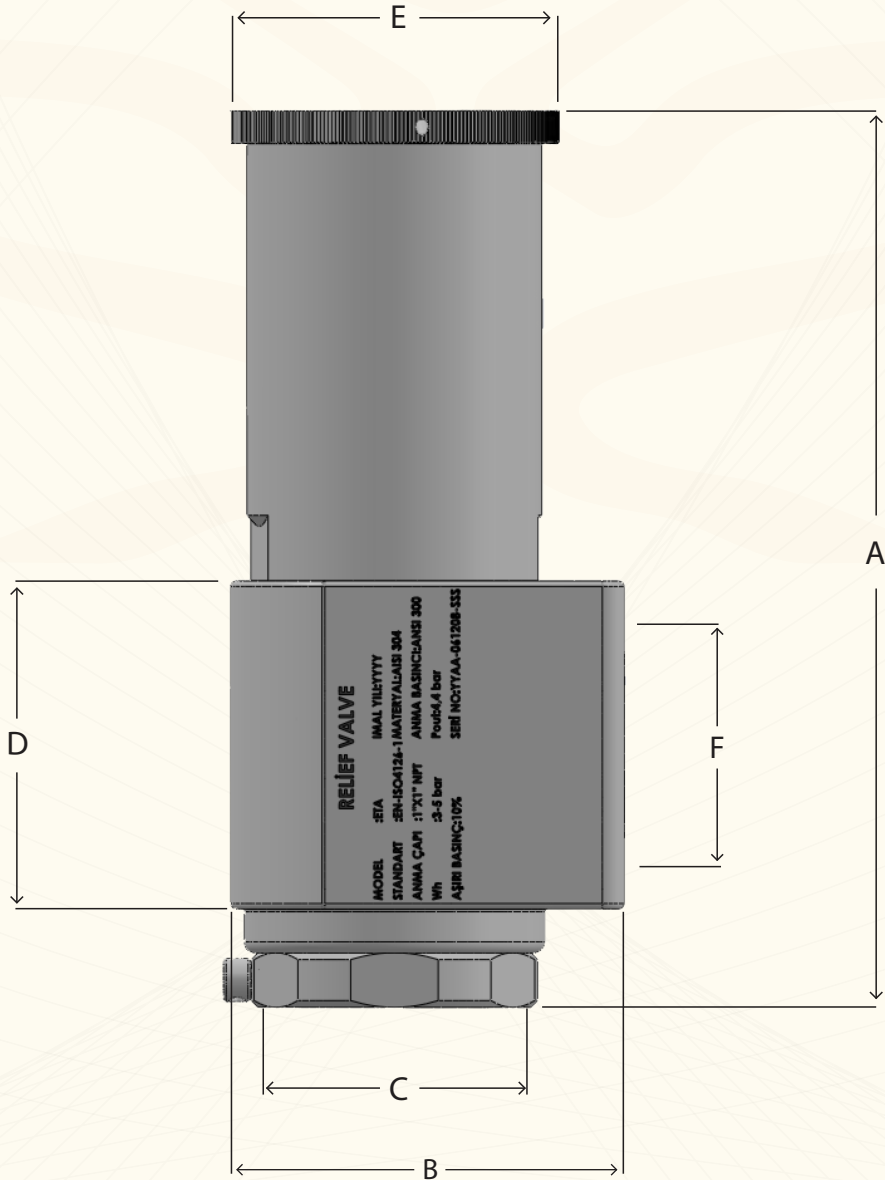
MATERIALS	
1	ADJUSTING SCREW
2	15 x 1,75 O-RING
3	SPRING
4	SEAT BED
5	SQUARE SEAL
6	28 x 1,78 O-RING
7	SEAT
8	BLIND COVER
9	GASKET SHAFT
10	BODY
11	SPRING LOWER BEARING
12	GASKET
13	KASKET WASHER
14	COUNTRY HEAD BOLT



SETTING RANGE	
PRODUCT CODE	RANGE (bar)
MM.06.30.22	3 - 5
MM.06.30.24	5 - 15
MM.06.30.25	15 - 25

DIMENSIONS

SERIAL NO	PRODUCT	DIAMETER	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
MM.06.31.00	ETH 25	DN 25	164	72	1" NPT	60	60	1" NPT



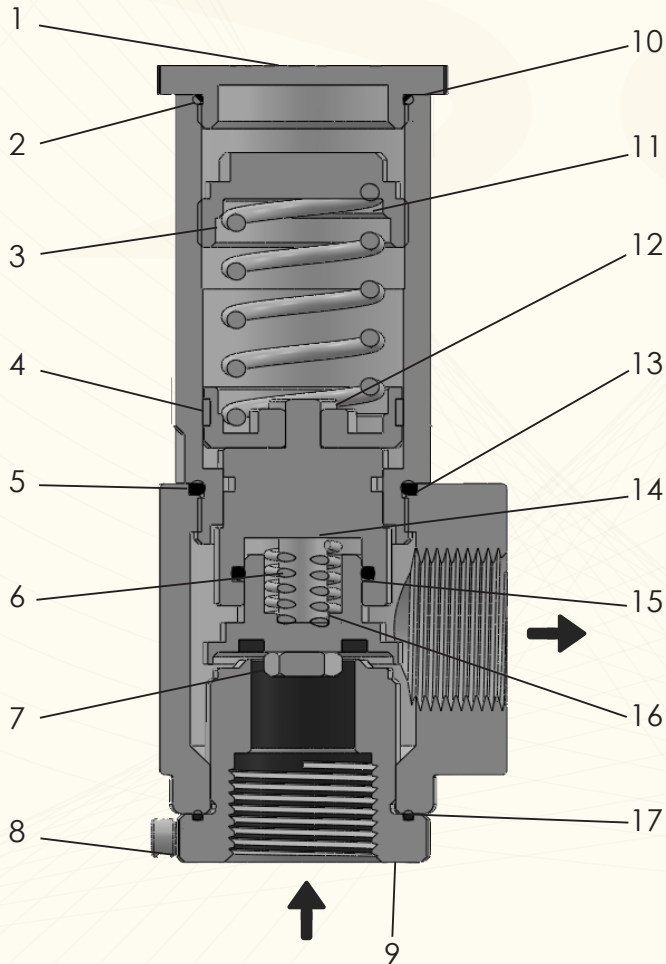
ETA-İG series safety relief valves, mounted after the regulator, release a small amount of gas to the atmosphere in case the regulator does not close completely. Thus, temporary pressure jumps and excess gas flows are balanced before the safety shut-off valve is activated.

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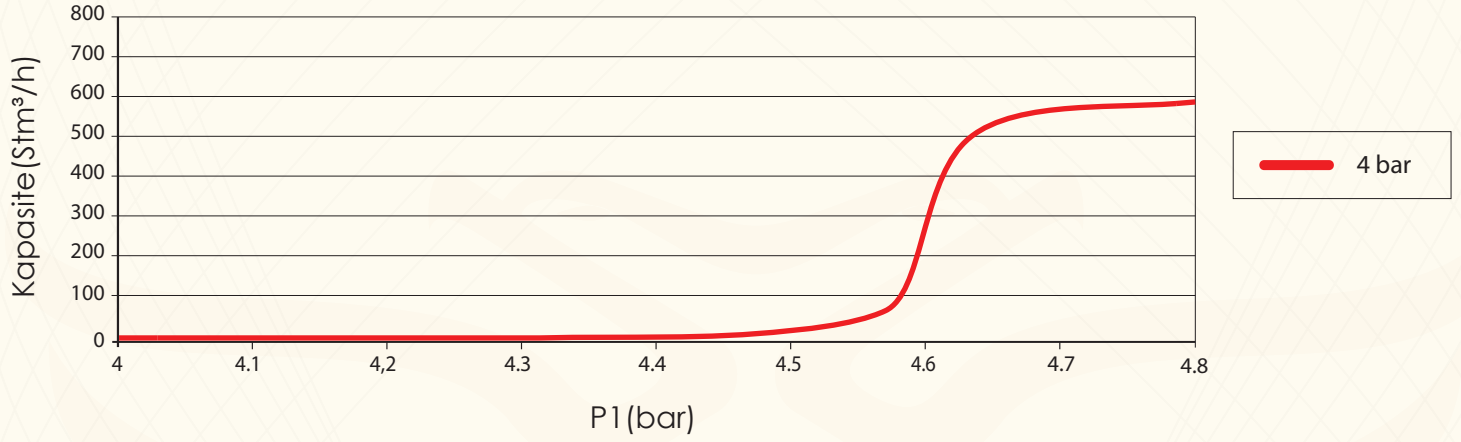
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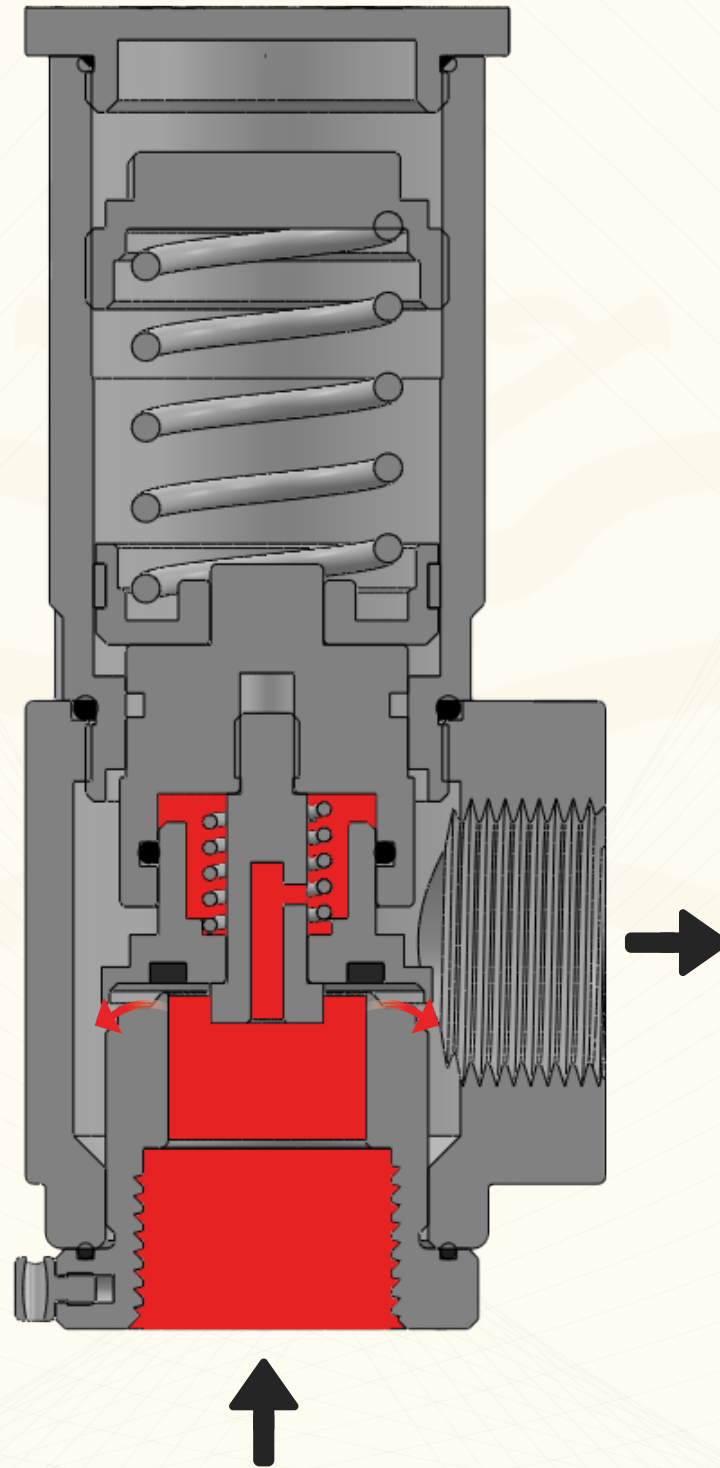


MATERIALS

1	TOP COVER
2	40 x 2 O-RING
3	REGULATOR SPRING
4	BEARING TEFLON
5	42 x 3 O-RING
6	GASKET SPRING
7	GASKET BEARING
8	SEALING PIN
9	SEAT
10	COVER
11	ADJUSTING SCREW
12	SPRING LOWER BEARING
13	BODY
14	BEARING
15	26.64 x 2.62 O-RING
16	GASKET
17	43 x 2 O-RING



SETTING RANGE	
PRODUCT CODE	RANGE (bar)
MM.06.31.22	3 - 5



 FEED PRESSURE