



TECHNICAL CATALOGUE

DIAPHRAGM SAFETY RELIEF VALVES

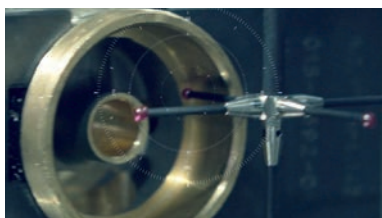
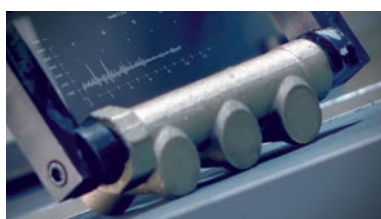


> THE COMPANY

ITAP SpA, founded in Lumezzane (Brescia) in 1972, is currently one of the leading production companies in Italy of **valves, fittings and distribution manifolds** for plumbing and heating systems.

Thanks to a fully automated production process, with 85 transfer machines and 55 assembly lines, it is capable of producing 400,000 pieces per day.

Our innate pursuit for innovation and observance of technical regulations is supported by the company certification ISO 9001. The company has always considered its focus on quality as the main tool to obtain significant business results: today ITAP SpA is proud to offer products bearing the approval of numerous international certifying bodies.



> ITAP products have obtained approvals by more than 30 certification bodies from all over the world.





DIAPHRAGM SAFETY RELIEF VALVES

368 Diaphragm safety relief valve, female/female thread



368 1/2"x1/2"

1/2"x1/2"

MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	1.5	368001215	10/120
1/2" (DN 15)	1.8	368001218	10/120
1/2" (DN 15)	2.5	368001225	10/120
1/2" (DN 15)	3	368001230	10/120
1/2" (DN 15)	4	368001240	10/120
1/2" (DN 15)	6	368001260	10/120

368 3/4"x3/4"

3/4"x3/4"

MEASURE	PRESSURE	CODE	PACKING
3/4" (DN 20)	1.5	368003415	10/120
3/4" (DN 20)	1.8	368003418	10/120
3/4" (DN 20)	2.5	368003425	10/120
3/4" (DN 20)	3	368003430	10/120
3/4" (DN 20)	4	368003440	10/120
3/4" (DN 20)	6	368003460	10/120

368 1"x1"

1"x1"

MEASURE	PRESSURE	CODE	PACKING
1" (DN 25)	1.5	368010015	10/80
1" (DN 25)	1.8	368010018	10/80
1" (DN 25)	2.5	368010025	10/80
1" (DN 25)	3	368010030	10/80
1" (DN 25)	4	368010040	10/80
1" (DN 25)	6	368010060	10/80

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Body in nickel-plated brass.

Diaphragm: EPDM.

Spring: stainless steel.

Nominal pressure: 10 bar.

Working temperatures: 5°C - 115°C.

Opening overpressure: 20%.

Closing differential: 20%.

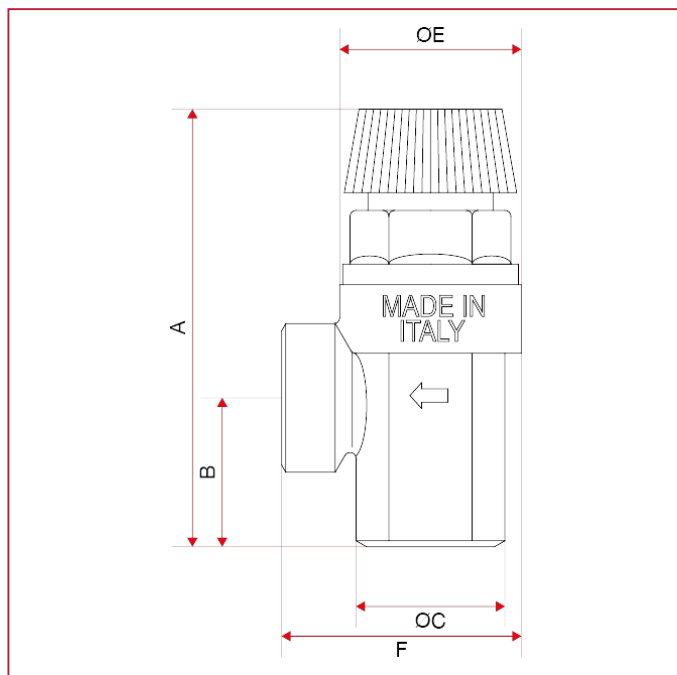
Available settings: 1,5 - 1,8 - 2,5 - 3 - 4 - 6 bar.



DIAPHRAGM SAFETY RELIEF VALVES

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

OVERALL DIMENSIONS



368 1/2"x1/2"

	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
A	70	70	70	70	70	70
B	26	26	26	26	26	26
C	25,5	25,5	25,5	25,5	25,5	25,5
E	31,5	31,5	31,5	31,5	31,5	31,5
F	41,5	41,5	41,5	41,5	41,5	41,5

368 3/4"x3/4"

	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
A	75	75	75	75	75	75
B	26	26	26	26	26	26
C	32,5	32,5	32,5	32,5	32,5	32,5
E	31,5	31,5	31,5	31,5	31,5	31,5
F	47,5	47,5	47,5	47,5	47,5	47,5

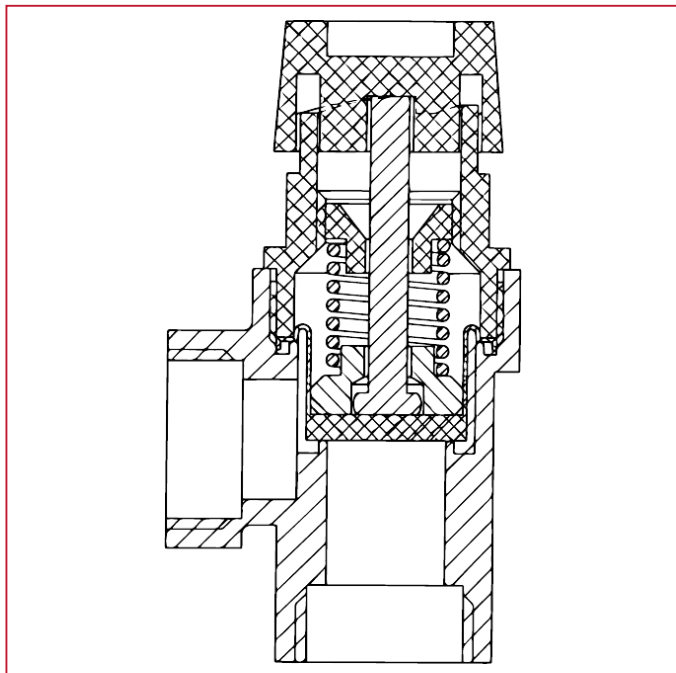
368 1"x1"

	1"	1"	1"	1"	1"	1"
A	85	85	85	85	85	85
B	32	32	32	32	32	32
C	38	38	38	38	38	38
E	38,5	38,5	38,5	38,5	38,5	38,5
F	54	54	54	54	54	54



DIAPHRAGM SAFETY RELIEF VALVES

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	-	Brass
2	Stem	-	HAIPLEN H50
3	Spring	-	Stainless steel
4	Plate	-	HAIPLEN H50
5	Handle	-	HAIPLEN H50
6	Threaded washer	-	Acetal resin
7	Spring stop	-	Nylon
8	Washer	-	Fiber
9	Cylinder	-	EPDM
10	Plate	-	Brass



DIAPHRAGM SAFETY RELIEF VALVES

369 Diaphragm safety relief valve, male/female thread



369 1/2"x1/2"

1/2"x1/2"

MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	1.5	369001215	10/120
1/2" (DN 15)	1.8	369001218	10/120
1/2" (DN 15)	2.5	369001225	10/120
1/2" (DN 15)	3	369001230	10/120
1/2" (DN 15)	4	369001240	10/120
1/2" (DN 15)	6	369001260	10/120

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Body in nickel-plated brass.

Diaphragm: EPDM.

Spring: stainless steel.

Nominal pressure: 10 bar.

Working temperatures: 5°C - 115°C.

Opening overpressure: 20%.

Closing differential: 20%.

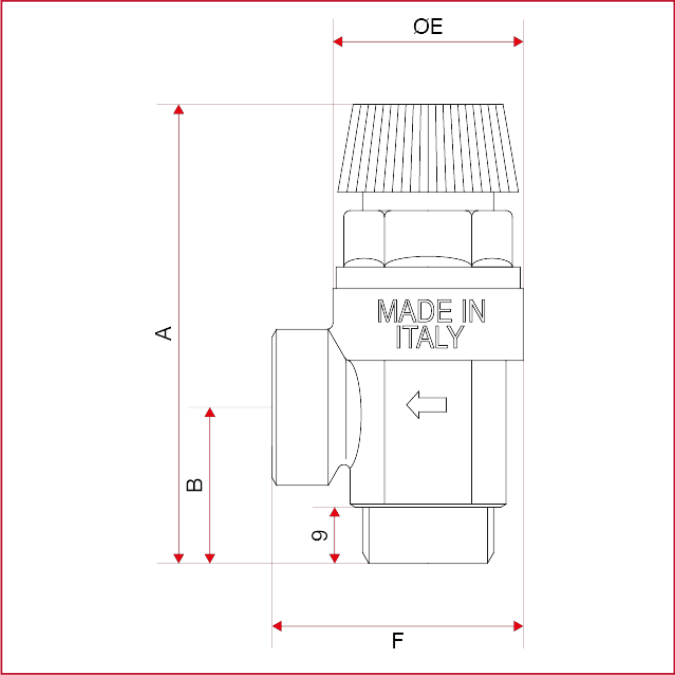
Available settings: 1,5 - 1,8 - 2,5 - 3 - 4 - 6 bar.

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).



DIAPHRAGM SAFETY RELIEF VALVES

OVERALL DIMENSIONS



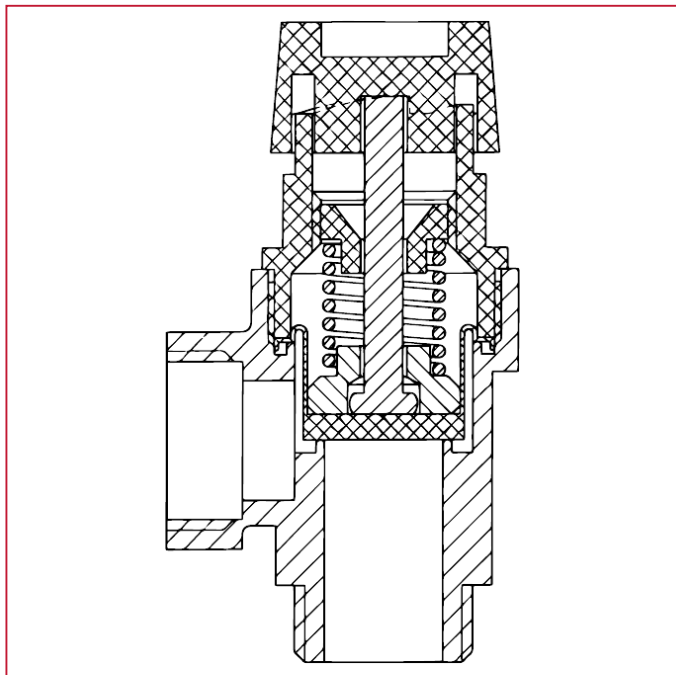
369 1/2"x1/2"

	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
A	72	72	72	72	72	72
B	26	26	26	26	26	26
E	31,5	31,5	31,5	31,5	31,5	31,5
F	41,5	41,5	41,5	41,5	41,5	41,5



DIAPHRAGM SAFETY RELIEF VALVES

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	-	Brass
2	Stem	-	HAIPLEN H50
3	Spring	-	Stainless steel
4	Plate	-	HAIPLEN H50
5	Handle	-	HAIPLEN H50
6	Threaded washer	-	Acetal resin
7	Spring stop	-	Nylon
8	Washer	-	Fiber
9	Cylinder	-	EPDM
10	Plate	-	Brass



DIAPHRAGM SAFETY RELIEF VALVES

368M Diaphragm safety relief valve with pressure gauge connection, female/female thread



368M 1/2"x1/2", gauge connection 1/4"

1/2"x1/2", gauge connection 1/4"

MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	1.5	368001215M	10/120
1/2" (DN 15)	1.8	368001218M	10/120
1/2" (DN 15)	2.5	368001225M	10/120
1/2" (DN 15)	3	368001230M	10/120
1/2" (DN 15)	4	368001240M	10/120
1/2" (DN 15)	6	368001260M	10/120

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Body in nickel-plated brass.

Diaphragm: EPDM.

Spring: stainless steel.

Nominal pressure: 10 bar.

Working temperatures: 5°C - 115°C.

Opening overpressure: 20%.

Closing differential: 20%.

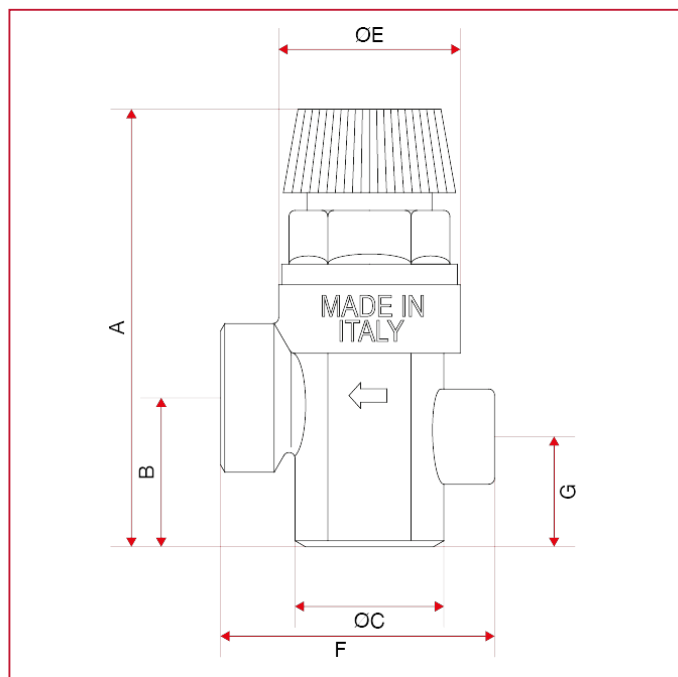
Available settings: 1,5 - 1,8 - 2,5 - 3 - 4 - 6 bar.

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).



DIAPHRAGM SAFETY RELIEF VALVES

OVERALL DIMENSIONS



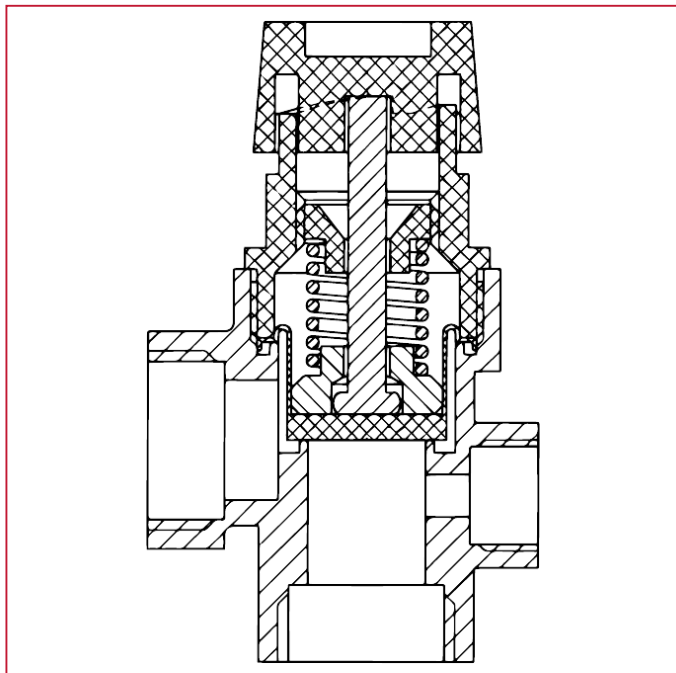
368M 1/2"x1/2", gauge connection 1/4"

	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
A	74,5	74,5	74,5	74,5	74,5	74,5
B	26	26	26	26	26	26
C	25,5	25,5	25,5	25,5	25,5	25,5
E	31,5	31,5	31,5	31,5	31,5	31,5
F	46	46	46	46	46	46
G	19,5	19,5	19,5	19,5	19,5	19,5



DIAPHRAGM SAFETY RELIEF VALVES

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	-	Brass
2	Stem	-	HAIPLEN H50
3	Spring	-	Stainless steel
4	Plate	-	HAIPLEN H50
5	Handle	-	HAIPLEN H50
6	Threaded washer	-	Acetal resin
7	Spring stop	-	Nylon
8	Washer	-	Fiber
9	Cylinder	-	EPDM
10	Plate	-	Brass



DIAPHRAGM SAFETY RELIEF VALVES

369M Diaphragm safety relief valve with pressure gauge connection, male/female thread



369M 1/2"x1/2", gauge connection 1/4"

1/2"x1/2", gauge connection 1/4"

MEASURE	PRESSURE	CODE	PACKING
1/2" (DN 15)	1.5	369001215M	10/120
1/2" (DN 15)	1.8	369001218M	10/120
1/2" (DN 15)	2.5	369001225M	10/120
1/2" (DN 15)	3	369001230M	10/120
1/2" (DN 15)	4	369001240M	10/120
1/2" (DN 15)	6	369001260M	10/120

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Body in nickel-plated brass.

Diaphragm: EPDM.

Spring: stainless steel.

Nominal pressure: 10 bar.

Working temperatures: 5°C - 115°C.

Opening overpressure: 20%.

Closing differential: 20%.

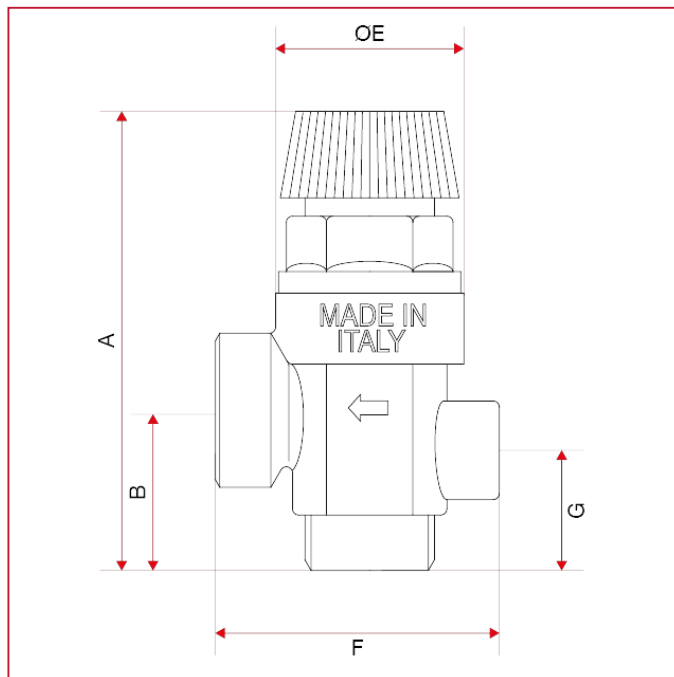
Available settings: 1,5 - 1,8 - 2,5 - 3 - 4 - 6 bar.

Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).



DIAPHRAGM SAFETY RELIEF VALVES

OVERALL DIMENSIONS



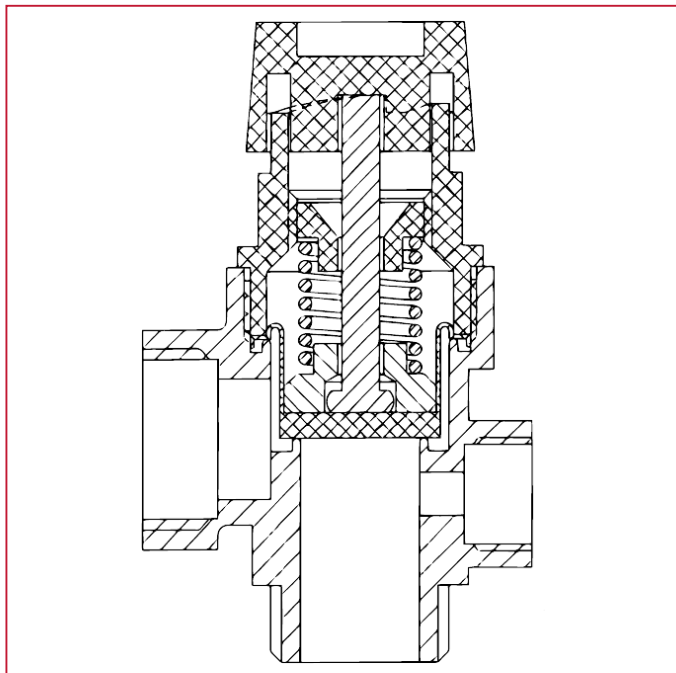
369M 1/2"x1/2", gauge connection 1/4"

	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
A	74,5	74,5	74,5	74,5	74,5	74,5
B	26	26	26	26	26	26
E	31,5	31,5	31,5	31,5	31,5	31,5
F	46	46	46	46	46	46
G	19,5	19,5	19,5	19,5	19,5	19,5



DIAPHRAGM SAFETY RELIEF VALVES

MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Body	-	Brass
2	Stem	-	HAIPLEN H50
3	Spring	-	Stainless steel
4	Plate	-	HAIPLEN H50
5	Handle	-	HAIPLEN H50
6	Threaded washer	-	Acetal resin
7	Spring stop	-	Nylon
8	Washer	-	Fiber
9	Cylinder	-	EPDM
10	Plate	-	Brass



ITAP S.p.A.
Via Ruca 19
25065 Lumezzane
Brescia (ITALY)
Tel 030 8927011
Fax 030 8921990
www.itap.it - info@itap.it

We reserve the right to make improvements and changes to the products described herein and to the relative technical data, at any time and without forewarning.

rev. 20250402