Fabrication program

Safety EN

Mod. 496

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	20 x 32 to 200 x 300
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350 °C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C to +450 °C

0,20 bar to 40,00 bar

AIT Steam / Gases / Liquids

Mod. 495

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Female thread x Female thread
DN1 x DN2	3/4" x 1 1/4" and 1" x 1 1/2"
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350°C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 450 °C

0,20 bar to 40,00 bar

AIT Steam / Gases / Liquids

Mod. 596

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	25 x 32 to 400 x 500
Material	Carbon steel PN-25/40/63/100/160. PMS-62 bar
	Stainless steel PN-25/40/63/100/160. PMS-62 bar
Seal:	Metal

-60 °C + 420 °C

0,20 bar to 62,00 bar

AIT Steam / Gases / Liquids

Mod. 696

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	25 x 40 to 300 x 400
Material	Carbon steel PN-25/40/63/100/160. PMS-95 bar
	Stainless steel PN-25/40/63/100/160. PMS-95 bar
Seal	Metal

-60 °C to +420 °C

60,00 bar to 95,00 bar

AIT Steam / Gases / Liquids

Mod. 695

Full lift safety valve with spring loading.
(AIT)

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Male thread x Female thread
MR1 x FR2	3/8" x 1/2" to 1" x 1"
Material	Bronze. PS-36 bar
	Stainless steel. PS-36 bar
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)
	Perfluoroelastomer (FFKM)

-60 °C to +250 °C

0,20 bar to 36,00 bar

AIT Steam / Gases / Liquids

Mod. 895

CRYOGENIC

Full lift safety valve with spring loading.
(AIT)

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Male thread x Female thread
MR1 x FR2	3/8" x 1/2" to 1" x 1"
Material	Bronze. PS-36 bar
	Stainless steel. PS-36 bar
Seal	PTFE (Teflon)

-196 °C to +60 °C

0,20 bar to 36,00 bar

AIT Steam / Gases / Liquids

Mod. 995

Full lift safety valve with spring loading. **(AIT)**

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with"International Standard ISO 4126-1 Safety Valves".

Connection	Male thread x Female thread
MR1 x FR2	3/8" x 1/2" and 1/2" x 1/2"
Material	Stainless steel. PS-144 bar
Seal	PTFE (Teflon)

-60 °C to +200 °C

36,01 bar to 144,00 bar

AIT Steam / Gases / Liquids

Mod. 694

CLAMP

Full lift safety valve with spring loading. **(AIT)**

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with "ASME code section VIII Div.1". Materials according ASME code section II and ASTM. Connections according ISO 2852 standard.

Connection	Flange clamp x Flange clamp
DN1 x DN2	10 x15 to 25 x 25
Material	Stainless steel. PN-16
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)
	Perfluoroelastomer (FFKM)

-60 °C + 200 °C

0,20 bar to 16,00 bar

AIT Steam / Gases / Liquids

Mod. 494

Normal opening safety valve. **(AN)**

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the fi rst proportional to the pressure increase, and after instantly and totally. Design in accordance with "International Standard ISO 4126 -1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	25 x 25 to 200 x 200
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350 °C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 450 °C

0,20 bar to 40,00 bar

AN Steam / Gases / Liquids

Mod. 594 EN

Normal opening safety valve. **(AN)**

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with "International Standard ISO 4126 -1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	25 x 25 to 50 x 50
Material	Carbon steel. PN-160
	Stainless steel. PN-160
	PTFE (Teflon)
Seal	Metal

-60 °C to +450 °C

23,00 bar to 95,00 bar

AN Steam / Gases / Liquids

Mod. 295 EN

Normal opening safety valve. **(AN)**

EP AP ES

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with "International Standard ISO 4126 -1 Safety Valves".

Connection	Male thread x Female thread
R1 x R2	1/2" x 1" to 1 1/4" x 2"
Material	Bronze. PMS-25 bar
	Carbon steel. PMS-25 bar
	Stainless steel. PMS-25 bar
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-60 °C to +250 °C

0,20 bar to 25,00 bar

AN Steam / Gases / Liquids

Mod. 296 EN

Normal opening safety valve. **(AN)**

EP AP ES

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with "International Standard ISO 4126 -1 Safety Valves".

Connection	Flange x Flange
DN1 x DN2	15 x 25 to 32 x 50
Material	Bronze. PMS-25 bar
	Carbon steel. PMS-25 bar
	Stainless steel. PMS-25 bar
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-60 °C to +250 °C

0,20 bar to 25,00 bar

AN Steam / Gases / Liquids

Safety EN

Mod. 395

Normal opening safety valve. **(AN)**

EP AP ES

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the fi rst proportional to the pressu-re increase, and after instantly and totally. Design in accordance with “International Standard ISO 4126 -1 Safety Valves”.

Connection	Male thread x Female thread
G1 x G2	1/4” x 1” to 1 1/4” x 2”
Material	Carbon steel. PMS-70 bar
	Stainless steel. PMS-70 bar
Seal	PTFE (Teflon)
	Fluoroelastomer (Viton)

-60 °C to +260 °C

25,10 bar to 70,00 bar

Steam / Gases / Liquids

AN

Mod. 095

Progressive opening safety relief valve. **(AP)**

AP ES

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “International Standard ISO 4126-1 Safety Valves”.

Connection:	Male thread x Female thread
R1 x R2:	1/4”x1/4” to 4”x4”
Material:	Bronze/Brass. PN-16
	Mixed (Bronze/Brass - S.steel). PN-25
	Stainless steel. PN-25
Seal:	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-60 °C + 250 °C

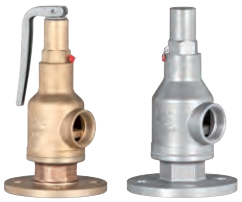
0,20 bar to 25,00 bar

Steam / Gases / Liquids

AP

Mod. 096

Progressive opening safety relief valve. **(AP)**



AP ES

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “International Standard ISO 4126-1 Safety Valves”.

Connection:	Male thread x Female thread
R1 x R2:	1/4”x1/4” to 4”x4”
Material:	Bronze/Brass. PN-16
	Mixed (Bronze/Brass - S.steel). PN-25
	Stainless steel. PN-25
Seal:	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-60 °C + 250 °C

0,20 bar to 25,00 bar

Steam / Gases / Liquids

AP

Mod. 194

Progressive opening safety relief valve. **(AP)**

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “International Standard ISO 4126-1 Safety Valves”.

Connection	Flange x Flange
DN1 x DN2	25 x 25 to 200 x 200
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350 °C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 450 °C

0,05 bar to 0,2 bar

Steam / Gases / Liquids

AP

Mod. 195

Progressive opening safety relief valve. **(AP)**

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “International Standard ISO 4126-1 Safety Valves”.

Connection	Female thread x Female thread
R1 x R2	3/4” x 1 1/4” to 1” x 1 1/2”
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350 °C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 450 °C

0,05 bar to 0,2 bar

Steam / Gases / Liquids

AP

Mod. 196

Progressive opening safety relief valve. **(AP)**

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “International Standard ISO 4126-1 Safety Valves”.

Connection	Flange x Flange
DN1 x DN2	20 x 32 to 200 x 300
Material	Cast iron. PN-16
	Nodular iron. PN-40. 350 °C
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 450 °C

0,05 bar to 0,2 bar

Steam / Gases / Liquids

AP

Safety ASME

Mod. 795

Vacuum breaker safety valve

The valve acts as an automatic regulator of pressure drops and prevents the creation of a vacuum inside pressurised installations or vessels. In compliance with the ATEX 2014/34/EU directive “Protective equipment and systems for use in potentially explosive atmospheres”.

Connection	Male thread x Free admision
MR1 x 6ØB	3/8” x 6ØB to 1” x 6ØB
Material	Brass. PN-16
	Stainless steel. PN-16
Seal	Silicone's rubber
	Fluoroelastomer (Viton)

-50 °C to +150 °C

-0,05 bar to -0,40 bar

Gases

Mod. 486

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1” x 2” to 8” x 10”
Material	Carbon steel. 150 lbs and 300 lbs
	Stainless steel. 150 lbs and 300 lbs
Seal	Metal

-20,2 °F to +800 °F

2,90 psi to 580,15 psi

AIT

Steam / Gases / Liquids

Mod. 485

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection:	Female thread NPT x Female thread NPT
R1 x R2:	3/4”x1 1/4” and 1”x1 1/2”
Material:	Carbon steel. 300 lbs
	Stainless steel. 300 lbs
Seal	Metal

-20,2 °F to +800 °F

2,90 psi to 580,15 psi

AIT

Steam / Gases / Liquids

Mod. 586

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1” x 1 1/4” to 16” x 20”
Material	Carbon steel. 600 lbs
	Stainless steel. 600 lbs
Seal	Metal

-76 °F to +788 °F

29,01 psi to 899,23 psi

AIT

Steam / Gases / Liquids

Mod. 686

Full lift safety valve with spring loading.
(AIT)

EP AP ES CP

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1” x 1 1/2” to 12” x 16”
Material	Carbon steel. 600 lbs
	Stainless steel. 600 lbs
Seal	Metal

-76 °F to +788 °F

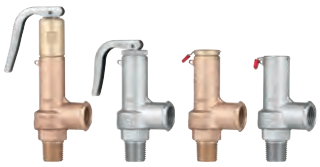
29,01 psi to 1377,86 psi

AIT

Steam / Gases / Liquids

Mod. 685

Full lift safety valve with spring loading.
(AIT)



EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Male thread NPT x Female thread NPT
MNPT1 x FNPT2	3/8” x 1/2” to 1” x 1”
Material	Bronze. MAWP-522,14 psi
	Stainless steel MAWP-522,14 psi
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)
	Perfluoroelastomer (FFKM)

-76 °F to +482 °F

2,90 psi to 522,14 psi

AIT

Steam / Gases / Liquids

Safety ASME

Mod. 885
CRYOGENIC

Full lift safety valve with spring loading. **(AIT)**

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Male thread NPT x Female thread NPT
MNPT1 x FNPT2	3/8” x 1/2” to 1” x 1”
Material	Bronze. MAWP-522,14 psi
	Stainless steel MAWP-522,14 psi
Seal	PTFE (Teflon)

-320,8 °F to +392 °F

2,90 psi to 522,14 psi

AIT Steam / Gases / Liquids

Mod. 985

Full lift safety valve with spring loading. **(AIT)**

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Male thread NPT x Female thread NPT
MNPT1 x FNPT2	3/8” x 1/2” and 1/2” x 1/2”
Material	Stainless steel MAWP-2088,54 psi
Seal	PTFE (Teflon)

-76 °F to +392 °F

523,58 psi to 2.088,54 psi

AIT Steam / Gases / Liquids

Mod. 694
CLAMP

Full lift safety valve with spring loading. **(AIT)**

EP AP ES AS

The valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ISO 2852 standard.

Connection	Flange clamp x Flange clamp
DN1 x DN2	10 x15 to 25 x 25
Material	Stainless steel.
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)
	Perfluoroelastomer (FFKM)

-76 °F + 392 °F

2,90 psi to 232,06 psi

AIT Steam / Gases / Liquids

Mod. 484

Normal opening safety valve. **(AN)**

EP AP ES CP

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1" x 1" to 8" x 8"
Material	Carbon steel. 300 lbs
	Stainless steel. 300 lbs
Seal	PTFE (Teflon)

-76 °F to +842 °F

2,90 psi to 580,00 psi

AN Steam / Gases / Liquids

Mod. 584

Normal opening safety valve. **(AN)**

EP AP ES CP

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1" x 1" to 2" x 2"
Material	Carbon steel. 300 lbs
	Stainless steel. 300 lbs
Seal	PTFE (Teflon)

-76 °F to +842 °F

333,59 psi to 1377,88 psi

AN Steam / Gases / Liquids

Mod. 285

Normal opening safety valve. **(AN)**

EP AP ES

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Male thread NPT x Female thread NPT
NPT1 x NPT2	1/2" x 1" to 1 1/4" x 2"
Material	Carbon steel. 300 lbs
	Stainless steel. 300 lbs
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-76 °F to +500 °F

2,90 psi to 363,00 psi

AN Steam / Gases / Liquids

Mod. 286

Normal opening safety valve. **(AN)**

EP AP ES

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1” x 2” to 1 1/2” x 3”
Material	Carbon steel. 300 lbs
	Stainless steel. 300 lbs
Seal	PTFE (Teflon)
	Silicone's rubber
	Fluoroelastomer (Viton)

-76 °F to +500 °F

2,90 psi to 363,00 psi

AN

Steam / Gases / Liquids

Mod. 385

Normal opening safety valve. **(AN)**

EP AP ES

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open, at the first proportional to the pressure increase, and after instantly and totally. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Male thread NPT x Female thread NPT
FNPT1 x FNPT2	1/4” x 1” to 1 1/4” x 2”
Material	Carbon steel
	Stainless steel
Seal	PTFE (Teflon)

-76 °F to +500 °F

364,00 psi to 1015,00 psi

AN

Steam / Gases / Liquids

Mod. 184

Progressive opening safety relief valve. **(AP)**

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1” x 1” to 8” x 8”
Material	Carbon steel.
	Stainless steel.
Seal	PTFE (Teflon)

-20,2 °F to +842 °F

0,725 psi to 2,9 psi

AP

Steam / Gases / Liquids

Mod. 185

Progressive opening safety relief valve. **(AP)**

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME B1.20.1 standard.

Connection	Female thread NPT x Female thread NPT
R1 x R2	3/4”x1 1/4” to 1”x1 1/2”
Material	Carbon steel.
	Stainless steel.
Seal	Metal

-20,2 °F to +800 °F

0,725 psi to 2,9 psi

AP

Steam / Gases / Liquids

Mod. 186

Progressive opening safety relief valve. **(AP)**

The safety valve works as an automatic pressure releasing regulator activated by the static pressure existing at the entrance to the valve and is characterized by its ability to open proportional to the pressure increase. Design in accordance with “ASME code section VIII Div.1”. Materials according ASME code section II and ASTM. Connections according ASME/ANSI B16.5 standard. Center to face dimensions according API-526.

Connection	Flange x Flange
NPS1 x NPS2	1" x 2" to 8" x 10"
Material	Carbon steel.
	Stainless steel.
Seal	Metal

-20,2 °F to +842 °F

0,725 psi to 2,9 psi

AP

Steam / Gases / Liquids

Mod. 785

Vacuum breaker safety valve

The valve acts as an automatic regulator of pressure drops and prevents the creation of a vacuum inside pressurised installations or vessels. In compliance with the ATEX 2014/34/EU directive “Protective equipment and systems for use in potentially explosive atmospheres”.

Connection	Male thread x Free admission
MNPT1 x 6ØB	3/8” x 6ØB to 1” x 6ØB
Material	Brass. 150 lbs
	Stainless steel. 150 lbs
Seal	Silicone's rubber
	Fluoroelastomer (Viton)

-58°F to +302°F

-0,73 psi to -5,80 psi

Gases

Safety EN/ASME

Mod. 005 EN

ASME/ANSI ASME/FNPT...

Multi-stage diffusion silencers

During the expansion process of compressible media such as vapour or gases, one of the main disadvantages is noise pollution. The noise is caused by opening the valve and discharging the expanded fluid at sonic velocity. Silencers are the great alternative to attenuate the noise at the valve discharge and leave it at permissible levels. Noise reductions of more than 50 dB are achieved without additional sound absorption materials.

Connection	Flange
	Male thread
	Feale thread
	Male thread NPT
	Feale thread NPT
	SW Welding end
DN	To be agreed
R	To be agreed
Material	Carbon steel

+540°C

To be agreed

Steam / Gases

Mod. 000

ASME/ANSI ASME/FNPT...

Test bench for safety valves

Optimal test bench for periodic inspections and safety valve setting or retensioning. Suitable for distributors, maintenance companies or with own maintenance. It allows to adjust, test and/or verify in cold (simulating the service conditions) safety valves at the test pressure (adjustment) Pe, contrasting the opening pressure Ps and the Seal Pc, according to the standardised requirements. Design in accordance with the requirements of the Machinery Directive 2006/427/EC and the Pressure Equipment Directive (2014/68/EU).

Connection	Mechanical clamps
DN	8 to 125

+15 °C to +30 °C

200,00 bar

Air / Nitrogen

Mod. 004

Controlled safety pressure relief System CSPRS

Controlled safety pressure relief system CSPRS valves are mainly used where conventional direct-loaded spring action valves cannot guarantee the opening and closing margins that certain specific conditions of service demand. The objective is to help the closure by means of pressure so that the valve remains completely watertight until reaching the set pressure and/or to activate the opening with pressure. Once evacuated and in keeping with a previous adjustment, to assist with closing pressure, to once again achieve closure with the desired watertightness.
This allows us to: Stabilise the functioning in critical applications of one or several valves, improve performance, position, repeatability and operational efficiency, improve the opening-closure hysteresis,reduce product losses and minimise them in the case of working with several valves at staggered pressures, if conditions so permit, increase the operating pressure of the system up to 99.9% of the set pressure. The control safety pressure relief system CSPRS device can be used with any safety valve available in the market.

Check - Filters

Mod. 170 EN

ASME/ANSI

Disc check valve

Disc check valve with centering ring for placing between flanges in accordance with DIN, UNE, ANSI, BS, etc. DN -15 to 100. Face-to-face dimensions in accordance with EN-558, basic series 49.

Connection:	For placing between flanges
DN:	15 to 100
Material:	Bronze. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C to +400 °C

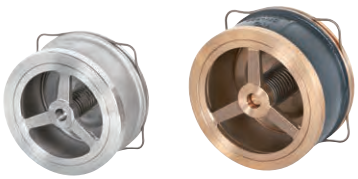
40,00 bar

Steam / Gases / Liquids

Mod. 172 EN

ASME/ANSI

Disc check valve



Disc check valve with centering ring for placing between flanges in accordance with DIN, UNE, ANSI, BS, etc. DN -125 to 300. Face-to-face dimensions in accordance with EN-558, basic series 49 and 51.

Connection	For placing between flanges
DN	125 to 300
Material	Cast iron. PN-16
	Bronze. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60 °C + 400 °C

40,00 bar

Steam / Gases / Liquids

Mod. 179 EN

ASME/FNPT ASME/SW

Piston check valve

Check valve with spring operated piston closure.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/4" to 2"
Material	Brass. PN-200
	Carbon steel. PN-250
	Stainless steel. PN-250
Seal	Metal

-60 °C +400 °C

250,00 bar

Steam / Gases / Liquids

Mod. 090 EN

ASME/ANSI

Y filter

It enables the filtration and accumulation of suspended solid particles, dragged by fluids, for their subsequent removal. In this way, we protect water control and regulation equipment underneath the filter and prevent collateral damage.

Connection	Flange x Flange
DN	15 to 200
Material	Nodular iron. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40

-60 °C to +400 °C

40,00 bar

Steam / Gases / Liquids

Mod. 191 EN

ASME/FNPT ASME/SW

Y filter

It enables the filtration and accumulation of suspended solid particles, dragged by fluids, for their subsequent removal. In this way, we protect water control and regulation equipment underneath the filter and prevent collateral damage.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/4" to 2"
Material	Stainless steel. PN-40

-20 °C to +180 °C

40,00 bar

Steam / Gases / Liquids

Steam traps - Separators

Mod. 041 EN

ASME/FNPT ASME/SW

Thermodynamic steam trap - Without filter

For the extraction of steam condensates. For use in: steam piping, irons, laundries, tanks and vessels with condensate discharge, multiple plate presses, vulcanizing autoclaves, pressure reduction equipment, etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/2" to 1"
Material	Stainless steel. PMA. 63 bar
Seal	Metal

+400 °C

0,20 bar to 42,00 bar

Steam

Mod. 042 EN

ASME/ANSI

Thermodynamic steam trap - Without filter

For the extraction of steam condensates. For use in: steam piping, irons, laundries, tanks and vessels with condensate discharge, multiple plate presses, vulcanizing autoclaves, pressure reduction equipment, etc.

Connection	Flange x Flange
DN	15 to 25
Material	Stainless steel. PMA. 63 bar
Seal	Metal

+400 °C

0,20 bar to 42,00 bar

Steam

Mod. 043 EN

ASME/FNPT ASME/SW

Thermodynamic steam trap - With filter

For the extraction of steam condensates. For use in: steam piping, irons, laundries, tanks and vessels with condensate discharge, multiple plate presses, vulcanizing autoclaves, pressure reduction equipment, etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/2" to 1"
Material	Stainless steel. PMA. 63 bar
Seal	Metal

+400 °C

0,20 bar to 42,00 bar

Steam

Steam traps - Separators

Mod. 044 EN

ASME/ANSI

Thermodynamic steam trap - With filter

For the extraction of steam condensates. For use in: steam piping, irons, laundries, tanks and vessels with condensate discharge, multiple plate presses, vulcanizing autoclaves, pressure reduction equipment, etc.

Connection	Flange x Flange
DN	15 to 25
Material	Stainless steel. PMA. 63 bar
Seal	Metal

+400°C

0,20 bar to 42,00 bar

Steam

Mod. 241 EN

ASME/FNPT

Float and thermostatic steam trap - Mechanical

To extract saturated or super-heated medium or lowpressure steam condensates. Applicable to: steam piping, heat exchangers, plants with automatic temperature control, etc., in the chemical and petrochemical industries, etc.

Connection	Female thread GAS
	Female thread NPT
R	1/2” to 1”
Material	Cast iron. PMS-14 bar
Seal	Metal

+220°C

14,00 bar

Steam

Mod. 243 EN

ASME/FNPT ASME/SW

Float and thermostatic steam trap - Mechanical

To extract saturated or super-heated medium or lowpressure steam condensates. Applicable to: steam piping, heat exchangers, plants with automatic temperature control, etc., in the chemical and petrochemical industries, etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/2” to 1”, 1 1/2” and 2”
Material	Carbon steel. PMS-14 bar
Seal	Metal

+220°C

14,00 bar

Steam

Mod. 244 EN

ASME/ANSI

Float and thermostatic steam trap - Mechanical

To extract saturated or super-heated medium or low-pressure steam condensates. Applicable to: steam piping, heat exchangers, plants with automatic temperature control, etc., in the chemical and petrochemical industries, etc.

Connection	Flange x Flange
DN	15 to 25, 40 and 50
Material	Carbon steel. PMS-14 bar
Seal	Metal

+220°C

14,00 bar

Steam

Mod. 343 EN

ASME/FNPT

Inverted bucket steam trap - Mechanical

To extract saturated or super-heated low-pressure steam condensates. Applicable to: steam piping, heat exchangers, plants with automatic temperature control, etc., in the chemical and petrochemical industries, etc.

Connection	Female thread GAS
	Female thread NPT
R	1/2” to 1”
Material	Cast iron. PN-16
Seal	Metal

+220 °C

16,00 bar

Steam

Mod. 143 EN

ASME/FNPT ASME/SW

Bimetallic steam trap - Thermostatic

For the extraction of steam condensates. Applicable in: steam piping, heat exchangers, chemical and petrochemical industries,... etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	BP 1/2” and 3/4”
	MP 1/2” and 3/4”
	AP 1/2” to 1”
Material	Carbon steel. BP. PN-40
	Carbon steel. MP. PN-40
	Carbon steel. AP. PN-100
Seal	Metal

+450 °C

80,00 bar

Steam

Mod. 144 EN

ASME/ANSI

Bimetallic steam trap - Thermostatic

For the extraction of steam condensates. Applicable in: steam piping, heat exchangers, chemical and petrochemical industries,... etc.

Connection	Flange x Flange
DN	BP 15 to 25
	MP 15 to 25
	AP 15 and 25
Material	Carbon steel. BP. PN-40
	Carbon steel. MP. PN-40
	Carbon steel. AP. PN-100
Seal	Metal

+450 °C

80,00 bar

Steam

Mod. 443 EN

ASME/FNPT ASME/SW

Thermostatic steam trap

To extract saturated or super-heated medium or low-pressure steam condensates. Applicable to: steam piping, irons, laundries, vessels with condensate discharge, cooking pots, sterilizers, heat exchangers, multiple dish presses, vulcanizing autoclaves, calenders, pressure reducing equipment, etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/4" to 1"
Material	Stainless steel. PMS-22 bar
Seal	Metal

+250°C

22,00 bar

Steam

Mod. 444 EN

ASME/ANSI

Thermostatic steam trap

To extract saturated or super-heated medium or low-pressure steam condensates. Applicable to: steam piping, irons, laundries, vessels with condensate discharge, cooking pots, sterilizers, heat exchangers, multiple dish presses, vulcanizing autoclaves, calenders, pressure reducing equipment, etc.

Connection	For placing between flanges
DN1 x DN2	15 to 25
Material	Stainless steel. PMS-22 bar
Seal	Metal

+250°C

22,00 bar

Steam

Mod. 543 EN

ASME/FNPT

Thermostatic steam trap

To extract saturated or super-heated medium or low-pressure steam condensates. Applicable to: steam piping, irons, laundries, vessels with condensate discharge, cooking pots, sterilizers, heat exchangers, multiple dish presses, vulcanizing autoclaves, calenders, pressure reducing equipment, etc.

Connection	Female thread GAS
	Female thread NPT
R	1/2"
Material	Stainless steel. PMS-22 bar
Seal	Metal

+250°C

22,00 bar

Steam

Mod. 003 EN

Ultrasonic leak detector

To detect leaks:
– In condensate purgers.
– In valve seals.

Checking for wear on bearings. Solving mechanical problems in general. Ultrasound is directional and localisable. In a noisy environment we can remove or block the distorting ultrasounds. During preventive maintenance, we should place the stethoscope properly and we will detect, audibly and visually, the leaks that are affecting us. We can take corrective action, safeguarding the environment, saving energy, time and consequently money. It meets and exceeds the requirements of ASTM E1002-2005 for Leak Detection.

Material	Plastic ABS -Stainless steel

0 °C + 220 °C

Steam / Gases / Liquids

Mod. 944 EN

ASME/ANSI

Steam condensate separator

To remove condensate from steam lines. Applicable in; ironing machines, laundries and dry cleaners, cooking pots, textile machinery, drying cylinders, autoclaves, steam ovens, distilleries, heat exchangers, food industries, chemical laboratories, etc.

Connection	Flange x Flange
DN	15 to 350
Material	Carbon steel. PN-16
	Carbon steel. PN-40
Seal	Metal

0 °C to + 250 °C

30,70 bar

Steam

Reducing - Mixing

Mod. 513 EN
ASME/FNPT

Direct action pressure reducing valve

For steam and gases. (For liquids, consult our technical department). Suitable for application in: ironing machines, laundries and dry cleaners', cooking vats, textile machinery, drying cylinders, autoclaves, steam ovens, distilleries, heat exchangers, the food industry, chemical laboratories, etc.

Connection	Female thread GAS
	Female thread NPT
R	1/2" to 1"
Material	Nodular iron. PN-25
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60°C to +230°C

1,40 bar to 17,00 bar

Steam / Gases / Liquids

Mod. 514 EN
ASME/ANSI

Direct action pressure reducing valve

For steam and gases. (For liquids, consult our technical department). Suitable for application in: ironing machines, laundries and dry cleaners', cooking vats, textile machinery, drying cylinders, autoclaves, steam ovens, distilleries, heat exchangers, the food industry, chemical laboratories, etc.

Connection	Flange x Flange
DN	15 to 25
Material	Nodular iron. PN-25
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-60°C to +230°C

1,40 bar to 17,00 bar

Steam / Gases / Liquids

Mod. 614 EN
ASME/ANSI

Direct action pressure reducing valve

For steam and gases. (For liquids, consult our technical department). Suitable for application in: ironing machines, laundries and dry cleaners', cooking vats, textile machinery, drying cylinders, autoclaves, steam ovens, distilleries, heat exchangers, the food industry, chemical laboratories, etc.

Connection	Flange x Flange
DN	25 to 50
Material	Carbon steel. PN-16
Seal	Metal

-10°C to +120°C

1,40 bar to 16,00 bar

Steam / Gases

Mod. 253 EN
ASME/FNPT

Steam-water mixing valve

In installations with steam, the steam can be mixed with cold water to obtain instant hot water in the most economical way. Can be used in packaging plants, dairies, detergent plants, slaughterhouses, meat processing plants, hospitals,... etc. For cleaning floors, vehicles, toilets, tanks, filters,...etc. In the manufacture of food, chemical, paper and tannery products,... etc.

Connection	Female thread
R	1/2", 3/4, 1" and 1 1/2"
Material	Bronze. PN-16
Seal	PTFE (Teflon)

+187 °C

0,35 bar to 10,50 bar

Steam

Mod. 253 EN
ASME/FNPT

Water gun PI-1

In installations with steam, the steam can be mixed with cold water to obtain instant hot water in the most economical way. Can be used in packaging plants, dairies, detergent plants, slaughterhouses, meat processing plants, hospitals,... etc. For cleaning floors, vehicles, toilets, tanks, filters,...etc. In the manufacture of food, chemical, paper and tannery products,... etc.

Connection	Female thread
R	1/2"
Material	Bronze (Recubierto caucho sintético)
Seal	Fluoroelastomer (Viton)

+82 °C

28,00 bar

Liquids

Float - Buoys

Mod. 150 EN
ASME/ANSI

Float valves

To control the level of liquids in tanks, deposits, etc.

Connection	Flange
DN	15 to 65
Material	Stainless steel.PN-16
Seal	Silicone's rubber

-60 °C to +200 °C

16,00 bar

Liquids

Mod. 151 EN
ASME/MNPT

Float valves

To control the level of liquids in tanks, deposits, etc.

Connection	Male thread GAS
	Male thread NPT
R	3/8" to 2 1/2"
Material	Stainless steel.PN-16
Seal	Silicone's rubber

-60 °C to +200 °C

16,00 bar

Liquids

Mod. 152

Buoys

Material	Stainless steel
Flat	
Ø150x60	Female thread. M10
Ø150x60	Sliding (Ø8 mm. internal)
Ø200x80 and Ø250x95	Female thread. M10
Ø300x115 and Ø350x130	Female thread. M12
Cylindrical	
Ø40x50	Roscada macho. M4
Ø40x50	Sliding (Ø4 mm. interior)
Ø60x120	Female thread. M6. (With or without Epoxy coating)
Ø60x120	Sliding (Ø6 mm. interior). (With or without Epoxy coating)
Spherical	
Ø60	Dowel Ø4,5 mm.
Ø60	Female thread. M4
Ø90	Female thread. M10
Ø105	Sliding (Ø18 mm. interior)
Ø110 and Ø150	Female thread. M10
Ø200 and Ø300	Female thread. M12

-60 °C to +200 °C

Liquids

Control - Regulation

Mod. 248 EN
ASME/ANSI

Stop valve with bellow seals

Stop valve with bellow seals, maintenance-free, designed with external spindle and support guide, thus avoiding the atmospheric emissions of conventional valves.

Connection	Flange x Flange
DN	15 to 200
Material	Nodular iron. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

-40 °C to +425 °C

40,00 bar

Steam / Gases / Liquids

Mod. 008 EN
ASME/ANSI

Thermal and acoustic insulation textile jackets

The jackets help to reduce heat loss, protect against frost and adverse weather conditions, noise attenuation and work as a preventive measure in work-place safety, etc.

Connection	VYC thermal and acoustic insulation textile jackets are designed and manufactured to measure for our valves, but we are able to adjust them to any other valve or installation on the market. Remember that only our original products will offer the maximum guarantee.
Material	Fibreglass with external silicone coating

+500 °C

Steam / Gases / Liquids

Mod. 011 EN
ASME/MNPT

Siphon tube. For pressure gauges

Prevents breakdowns and misalignments in pressure gauges. Absorbs abrupt pressure changes or water hammer which cause malfunctioning pressure gauges. Isolates the pressure gauge from extreme temperatures by creating thermal isolation space. If working with steam, ensure that the pressure gauge is activated by water condensation and not by steam.

Connection	Male thread GAS
	Male thread NPT
R	1/4" to 1/2"
Material	Carbon steel. B40
	Stainless steel. CL300
Sleeve and nuts	
Connection	Female thread GAS
	Female thread NPT
R	1/4" to 1/2"
Material	Brass
	Stainless steel

-60 °C + 400 °C

63,00 bar

Steam / Gases / Liquids

Bleeding for steam boilers

Mod. 147 EN
ASME/FNPT ASME/SW

Needle valve

For use in hydraulic, pneumatic, heating and steam systems, chemical and food industries, etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/4" to 2"
Material	Brass. PN-200
	Carbon steel. PN-250
	Stainless steel. PN-250
Seal	Metal

-60°C to +400°C

250,00 bar

Steam / Gases / Liquids

Mod. 460 EN
ASME/ANSI

Blowdown valve for bleeding dirt and sludge. For steam boilers

Valve designed for feed water treatment. The valve allows the elimination of excess salts in the water inside the boiler, thus reducing bubbles and foams, and consequently avoiding the appearance of sludge and lime scale generated by the salt inside the boiler, as well as purging it of other particles of dirt and impurities. Bleeding valves for steam boilers prevent early deterioration of the boiler.

Connection	Flange x Flange
DN	25 to 50
Material	Carbon steel. PN-40
Seal	Metal

+250 °C

40,00 bar

Steam / Liquids

Mod. 660 EN
ASME/ANSI

Blowdown valve for bleeding dirt and sludge. For steam boilers

DN-20, 25 DN-32, 40, 50

Valve designed for feed water treatment. The valve allows the elimination of excess salts in the water inside the boiler, thus reducing bubbles and foams, and consequently avoiding the appearance of sludge and lime scale generated by the salt inside the boiler, as well as purging it of other particles of dirt and impurities. Bleeding valves for steam boilers prevent early deterioration of the boiler.

Connection	Flange x Flange
DN	20 to 50
Material	Carbon steel. PN-40
Seal	Metal

+250 °C

40,00 bar

Steam / Liquids

Mod. 660-A EN
ASME/ANSI

Blowdown valve for automatic bleeding dirt and sludge. For steam boilers

DN-20, 25 MP-2 DN-32, 40, 50

Valve designed for feed water treatment. The valve automatically eliminates the excess of salts in the water inside the boiler, thus reducing bubbles and foams, and consequently avoiding the appearance of sludge and lime scale generated by the salt inside the boiler, as well as purging it of other particles of dirt and impurities. Bleeding valves for steam boilers prevent early deterioration of the boiler.

Connection	Flange x Flange
DN	20 to 50
Material	Carbon steel. PN-40
Seal	Metal

Programmable control for automatic bleeding of dirt and sludge MP-2	
Connection	Air inlet 1/8"
	Control and discharge tube Ø 6/4 mm.
Voltage	220 V.A.C. ±10% 50/60 Hz.

+250 °C

40,00 bar

Steam / Liquids

Mod. 560 EN
ASME/ANSI

Continuous desalting valve. For steam boilers

The continuous blowdown valve discharges an adjustable quantity of water from the steam boiler, thus removing organic materials, dissolved mineral salts, suspended solids, etc. With the blowdown process, we prevent damage caused by corrosion and perforation and reduce incrustations, sediments and foam formation inside the boiler.

Connection	Flange x Flange
DN	15 to 25
Material	Carbon steel. PN-40
Seal	Metal

+300 °C

40,00 bar

Steam / Liquids

Mod. 560-A EN
ASME/ANSI

Automatic continuous desalting valve. For steam boilers

EC-1 560-A RD-1 ARD-1

The conductivity electrode EC-1, the desalination regulator RD-1 and the valve for continuous blowdown with servomotor enable the automatic desalination process of the boiler water, which removes organic materials, dissolved mineral salts, solid suspended materials... With the blowdown process, we prevent damage caused by corrosion and perforation and reduce scale, sediment and foam formation in the boiler interior.

560-A EN	
Connection	Flange x Flange
DN	15 to 25
Material	Carbon steel. PN-40
Seal	Metal
Servomotor voltage	220 V.A.C. ±10% 50/60 Hz.

Desalting controller	
With assembly cupboard ARD-1 | Without assembly cupboard RD-1	
Servomotor voltage	220 V.A.C. ±10% 50/60 Hz.

Electrode connection collector	
Connection	Flange
DN	20
Material	Carbon steel. PN-40
Blow off valve	Mod. 999 de 1/2" with simple joint plug

Conductivity electrode EC1	
Connection	Male thread
R	1"
Material	PTFE (Teflon) - Stainless steel. PMS-32 bar

+300 °C

40,00 bar

Steam / Liquids

Automatic level controller

Mod. 560 DRM-1 EN
ASME/FNPT

Samples water-cooler. For steam boilers

Sample cooling device for periodic water analysis. It allows to verify that the water is kept within the ideal salinity and alkalinity required by current legislation.

Connection	Sampling circuit: Tubo Ø 6/8mm.
	Refrigeration circuit: Female thread 1/2”
Material	Stainless steel.
	Sampling circuit. PMS-140 bar
	Refrigeration circuit. PMS-10 bar

+340 °C

140,00 bar

Steam / Liquids

Mod. 290 EN
ASME

Sliding buoy type automatic level controller

This device guarantees automatic, safe and reliable control, regulation and signalling of the level of liquids in: wells, tanks, cisterns, etc.

Connection	Bracket with 2 screws M.8 x...
Material	Stainless steel
Standard level fluctuation	495 mm.
Buoy	Ø150x60 Sliding
Maximum nº of switches	1

-60 °C to +150 °C

19,00 bar

Liquids

Mod. 291 EN
ASME/MNPT

Sliding buoy type automatic level controller

This device guarantees automatic, safe and reliable control, regulation and signalling of the level of liquids in: wells, tanks, cisterns, etc.

Connection	Male thread GAS
	Male thread NPT
R	2 1/2”
Material	Stainless steel - Brass. PMS-19 bar
Standard level fluctuation	3.000 mm.
Maximum level fluctuation	30.000 mm.
Buoy	Ø60x120 Sliding
Maximum nº of switches	1

-60 °C to +150 °C

19,00 bar

Liquids

Mod. 076 EN
ASME/ANSI

Buoy type automatic level controller

I F D

CC CM SC

This device guarantees automatic, safe and reliable control, regulation and signalling of the level of liquids in: steam boilers, pressurised vessels, pre heaters, processes, etc.

Connection	Flange
DN	25
Connection (SC)	Flange with 4 screws M. 16x40
Material	Cast iron. PN-16
	Stainless steel. PN-16 (SC)
Standard level fluctuation	120 mm.
Buoy	Ø60x120
Maximum nº of switches	10
Distance between centres of flanges	190 ó 250 mm.
Viewer (CM)	F =Front. D =Right. I =Left
Blow off valve	Mod. 999 1/2” with simple joint plug

-60°C to +300°C

16,00 bar

Steam / Liquids

Mod. 262 EN
ASME

Magnetic switch

Connection	M.4
Voltage	220 V.A.C
	To be meant for Mod. 290, 291 and 076

Mod. 176 EN
ASME/MNPT

Electrode based electronic level controller. For steam boilers

This device guarantees a safe and reliable control, regulation and electronic signalling of the level of electrically conducting liquids in: steam and hot water boilers, autoclaves, pre heaters, pressure vessels, feed water and condensates tanks, processes, etc.

Electrode connection colector	
Connection	Flange
DN	25
Material	Carbon steel. PN-40
Maximum nº of electrodes	1 or 3
Distance between centres of flanges	190 or 250 mm.
Blow off valve	Mod. 999 1/2" with simple joint plug

Level controller. RN-1 | Minimum level safety controller. RS-1	
Voltage	220 V.A.C. ±10% 50/60 Hz.

Level electrode. EN-1 | Minimum levelsafety electrode. ES-1	
Connection	Male thread
R	1"
Material	PTFE (Teflon) - Stainless steel. PMS-32 bar
Measuring standard length	700 mm

+238 °C

32,00 bar

Steam / Liquids

Window sight glasses - Level indicators

Mod. 276 EN
ASME/MNPT

Modulating electrode based electronic level controller. For steam boilers

This device, when combined with a motorised valve, ensures the continuous control and display of the level, with a high and low level alarm for: steam and hot water boilers, autoclaves...etc. Applicable to steam boilers in accordance with TRD-602, TRD-604 (24/72 hours) and EN-12953 Part 6 (24 hours).

Electrode connection colector	
Connection	Flange
DN	25
Material	Carbon steel. PN-40
Maximum nº of electrodes	1 or 3
Distance between centres of flanges	190 or 250 mm.
Blow off valve:	Mod. 999 1/2" with simple joint plug

Modulating level controller. RAC-1. RAC-2. RAC-3	
Voltage	220 V.A.C. ±10% 50/60 Hz.

Modulating level electrode. EAC-1	
Connection	Male thread
R	1"
Material	PTFE (Teflon) - Stainless steel. PMS-32 bar
Measuring standard length	300 to 1500 mm

+238 °C

32,00 bar

Steam / Liquids

Mod. 265 EN
ASME/FNPT ASME/SW

Window sight glasses

To check the flow, direction and state of the fluid in a section of pipe. It helps us to detect blockages in valves, filters and other line equipment, allowing us to verify the correct operation of condensate drains and ensure that there are no steam leaks. Applicable in: liquid, steam, pipelines... etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/2" to 1"
Material	Carbon steel. PN-40
	Stainless steel. PN-40

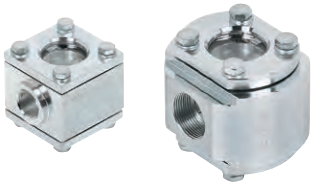
-60 °C to +280 °C

40,00 bar

Steam / Gases / Liquids

Mod. 365 EN
ASME/FNPT ASME/SW

Window sight glasses



To check the flow, direction and state of the fluid in a section of pipe. It helps us to detect blockages in valves, filters and other line equipment, allowing us to verify the correct operation of condensate drains and ensure that there are no steam leaks. Applicable in: liquid, steam, pipelines... etc.

Connection	Female thread GAS
	Female thread NPT
	Socket welding ends SW
R	1/2" to 2"
Material	Carbon steel. PN-40
	Stainless steel. PN-40

-60 °C to +280 °C

40,00 bar

Steam / Gases / Liquids

Mod. 366 EN
ASME/ANSI

Window sight glasses

To check the flow, direction and state of the fluid in a section of pipe. It helps us to detect blockages in valves, filters and other line equipment, allowing us to verify the correct operation of condensate drains and ensure that there are no steam leaks. Applicable in: liquid, steam, pipelines... etc.

Connection	Flange x Flange
DN	15 to 200
Material	Carbon steel. PN-16. PN-40
	Stainless steel. PN-40

-60 °C to +280 °C

40,00 bar

Steam / Gases / Liquids

Mod. 006

Transparency round glasses.
For window sight glasses

For visual checking of the level of liquids in all types of vessel, including those under pressure, in special thermal and chemical conditions. Also for checking processes.

Type	Transparency	45x10
		63x10
		63x15
		80x12
		80x20
		100x15
		100x25
		125x20
		125x30
		150x25
		150x30
		175x25
		175x30
		200x30
		250x30
Material	Borosilicate	
	Graphite (Joints)	

+300°C

40,00 bar

Steam / Gases / Liquids

Mod. 166-ER
ASME/ANSI

Round dowel level indicator box

For use in boilers, receivers, cisterns, reservoirs, ...etc., to control the level of liquids, gases and steam. A multiple-slot poly prismatic viewer allows the level to be optically read, clearly differentiating liquid and gas phases from liquid ones.

Connection	Round dowel Ø 20 mm.
Box nº	0 to X
Material	Carbon steel. PN-16. PN-40
	Stainless steel. PN-40

-60°C to +400°C

40,00 bar

Steam / Gases / Liquids

Mod. 666 EN

ASME/ANSI

Level gauges

Connection	Flange
DN	20 and 25
Material	Carbon steel. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal
Blow off valve	Mod. 999 3/8” with simple joint plug

Mod. 166-EC EN

ASME/ANSI

Square dowel level indicator box

For use in boilers, receivers, cisterns, reservoirs, ...etc., to control the level of liquids, gases and steam. A multiple-slot poly prismatic viewer allows the level to be optically read, clearly differentiating liquid and gas phases from liquid ones.

Connection	Square dowel ⌀18 mm.
Box nº	0 to X
Material	Carbon steel. PN-16. PN-40
	Stainless steel. PN-40
Purge tap	Mod. 999 de 3/8” with simple joint plug

-60 °C to +400 °C

40,00 bar

Steam / Gases / Liquids

Mod. 466 EN

ASME/ANSI

Grifos de nivel

Connection	Flange
DN	20 and 25
Material	Carbon steel. PN-16
	Carbon steel. PN-40
	Stainless steel. PN-40
Seal	Metal

Mod. 066

Reflection and transparency glasses. For level indicator box

The glasses allow process verification and visual control of liquid levels in all types of vessels, including pressurised vessels, under special thermal and chemical conditions.

Type reflection	A5 prisms 0 to IX
	B5 prisms 0 to IX
	H5 prisms 0 to IX
Transparency	A V to IX
	B V to IX
	H V to IX
Material	Borosilicate
	Klingerit cardboard type (Joint)
	Graphite (Joint)

+243 °C

100,00 bar

Steam / Gases / Liquids

Mod. 066-PM

Mica shield. For level indicator box.

In combination with the transparency crystals, they increase the life of the crystals when working at high pressures and temperatures and protect them from erosion due to the effects of various contaminated, viscous or corrosive media.

Type	A-I to A-X
	B/H-I to B/H-X
Material	Natural muscovite mica

+600 °C

392,00 bar

Steam / Gases / Liquids

Mod. 999 EN

ASME/FNPT

Blowoff valve

Connection	Female thread x Female thread
R	3/8” and 1/2”
Material	Stainless steel. PMS-56 bar
Seal	PTFE (Teflon) - Metal

-60°C to +260°C

56,00 bar

Steam / Gases / Liquids

VYC