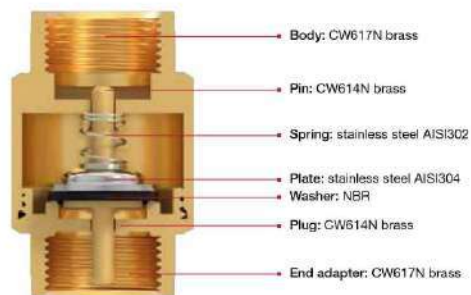


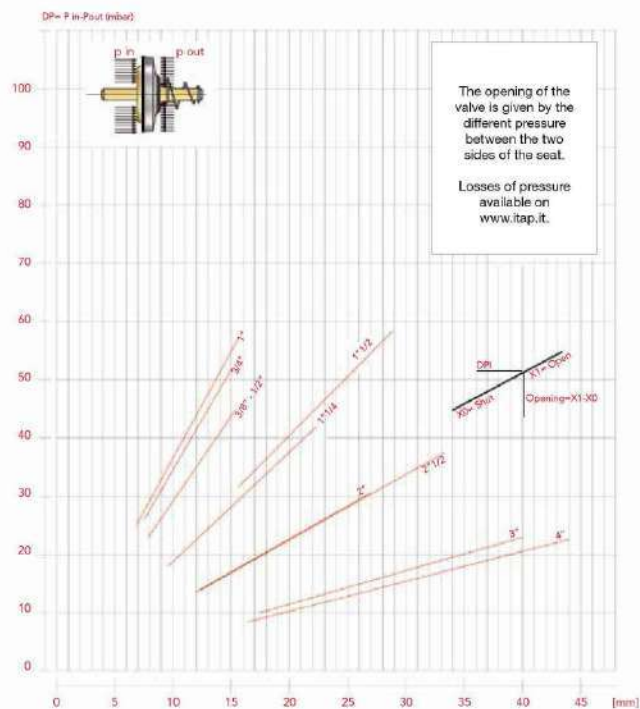
Europa®

Materials



Europa®

Diagram of the minimum pressure needed to get the valves opening



100



EUROPA® check valve

SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	25bar/362.5psi	1000038	10/130
1/2" (DN 15)	25bar/362.5psi	1000012	10/120
3/4" (DN 20)	25bar/362.5psi	1000034	8/88
1" (DN 25)	25bar/362.5psi	1000100	6/54
1 1/4" (DN 32)	18bar/261psi	1000114	4/36
1 1/2" (DN 40)	18bar/261psi	1000112	4/28
2" (DN 50)	18bar/261psi	1000200	2/18
2 1/2" (DN 65)	12bar/174psi	1000212	1/6
3" (DN 80)	12bar/174psi	1000300	1/4
4" (DN 100)	12bar/174psi	1000400	1/2

☑ Suitable for Oil and Gas services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

☑ Body in brass.
Plate in stainless steel.
Washer in NBR.
Spring: stainless steel.
Minimum and maximum working temperatures: -20°C, 200°C.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

☑ Available also with NPT thread in the sizes from 1/2" to 4".

105



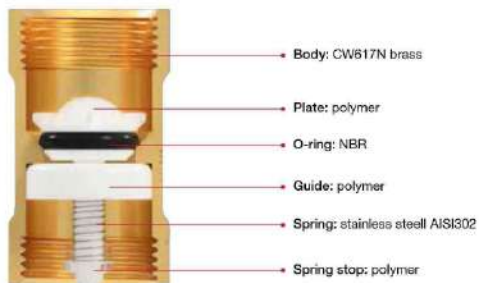
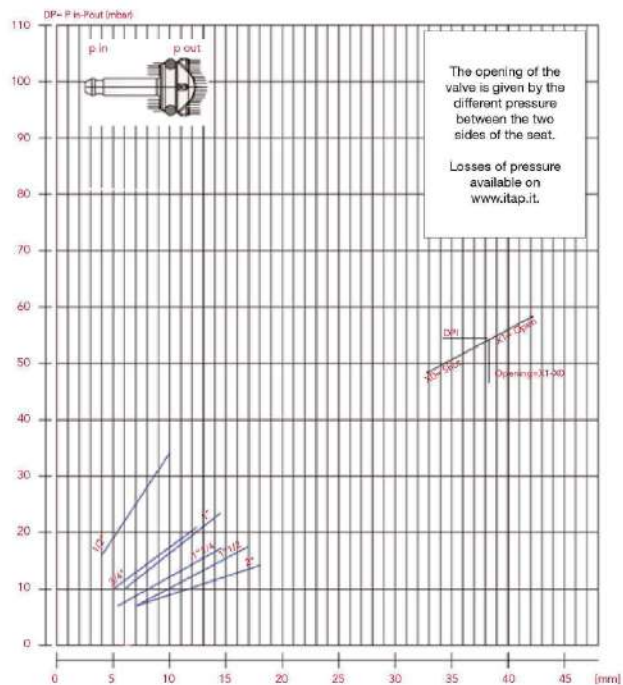
EUROPA® foot valve

SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	25bar/362.5psi	1050038	8/112
1/2" (DN 15)	25bar/362.5psi	1050012	8/112
3/4" (DN 20)	25bar/362.5psi	1050034	6/84
1" (DN 25)	25bar/362.5psi	1050100	4/44
1 1/4" (DN 32)	18bar/261psi	1050114	4/24
1 1/2" (DN 40)	18bar/261psi	1050112	2/14
2" (DN 50)	18bar/261psi	1050200	2/12
2 1/2" (DN 65)	12bar/174psi	1050212	1/6
3" (DN 80)	12bar/174psi	1050300	1/3
4" (DN 100)	12bar/174psi	1050400	1/1

☑ Suitable for domestic water services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

☑ Body in brass.
Plate in stainless steel.
Washer in NBR.
Spring: stainless steel.
Strainer in polymer and stainless steel.
Filtration degree: 3/8" through 2": 1200µm; 2 1/2" through 4": 2000µm
Minimum and maximum working temperatures: -20°C, 100°C.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

☑ Available also with NPT thread in the sizes 2 1/2", 3" and 4".

Block®
Materials

Block®
Diagram of the minimum pressure needed to get the valves opening

101

Block® check valve

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	12bar/174psi	1010012	14/322
3/4" (DN 20)	12bar/174psi	1010034	12/204
1" (DN 25)	12bar/174psi	1010100	10/140
1"1/4 (DN 32)	10bar/145psi	1010114	8/68
1"1/2 (DN 40)	10bar/145psi	1010112	6/60
2" (DN 50)	10bar/145psi	1010200	4/28

Suitable for Oil and gas services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

PATENTED
 Body in brass.
 Plate in polymer.
 O-ring in NBR.
 Spring: stainless steel.
 Minimum and maximum working temperatures: -20°C, 200°C.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

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Block® foot valve

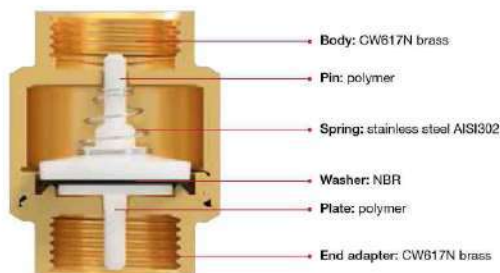
SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	12bar/174psi	1060012	14/224
3/4" (DN 20)	12bar/174psi	1060034	12/132
1" (DN 25)	12bar/174psi	1060100	10/90
1"1/4 (DN 32)	10bar/145psi	1060114	8/48
1"1/2 (DN 40)	10bar/145psi	1060112	6/30
2" (DN 50)	10bar/145psi	1060200	2/18

Suitable for domestic water services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

PATENTED
 Body in brass.
 Plate in polymer.
 O-ring in NBR.
 Spring: stainless steel.
 Strainer in polymer.
 Minimum and maximum working temperatures: -20°C, 100°C.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

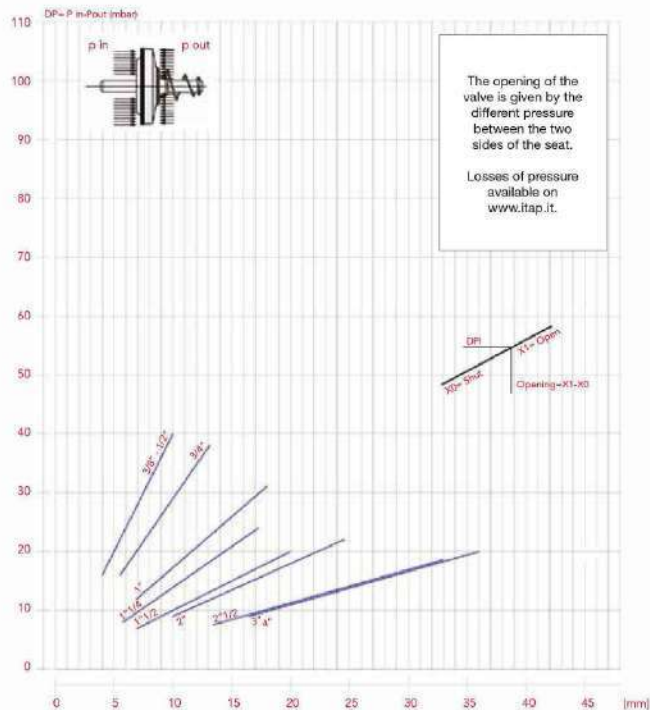
York®

Materials



York®

Diagram of the minimum pressure needed to get the valves opening



103



YORK® check valve

SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	12bar/174psi	1030038	10/200
1/2" (DN 15)	12bar/174psi	1030012	10/170
3/4" (DN 20)	12bar/174psi	1030034	8/120
1" (DN 25)	12bar/174psi	1030100	8/88
1 1/4" (DN 32)	10bar/145psi	1030114	6/60
1 1/2" (DN 40)	10bar/145psi	1030112	4/28
2" (DN 50)	10bar/145psi	1030200	2/24
2 1/2" (DN 65)	8bar/116psi	1030212	1/16
3" (DN 80)	8bar/116psi	1030300	1/8
4" (DN 100)	8bar/116psi	1030400	1/4

Suitable for Oil and gas services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

Body in brass.
Plate in polymer.
Washer in NBR.
Spring: stainless steel.
Minimum and maximum working temperatures: -20°C, 200°C.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

108

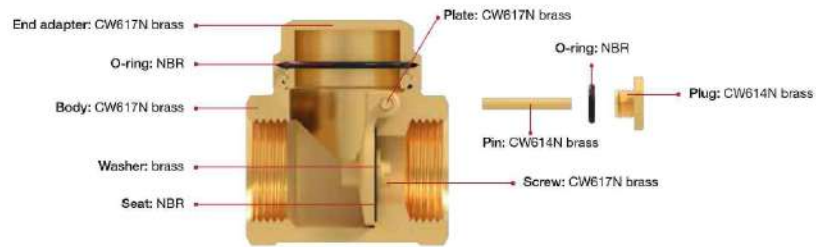


YORK® foot valve

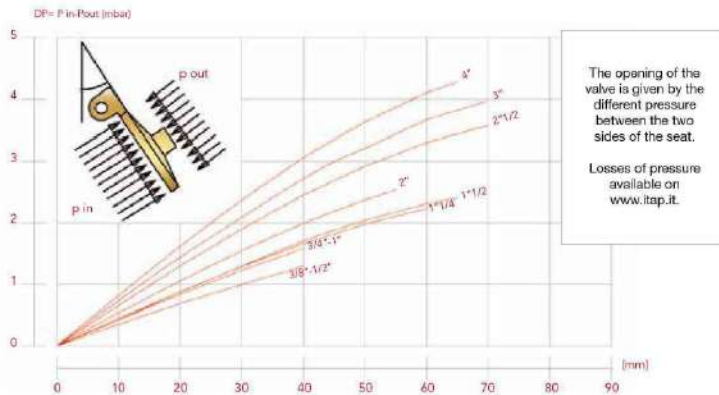
SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	12bar/174psi	1080038	10/140
1/2" (DN 15)	12bar/174psi	1080012	10/150
3/4" (DN 20)	12bar/174psi	1080034	8/96
1" (DN 25)	12bar/174psi	1080100	8/64
1 1/4" (DN 32)	10bar/145psi	1080114	8/36
1 1/2" (DN 40)	10bar/145psi	1080112	4/16
2" (DN 50)	10bar/145psi	1080200	2/14
2 1/2" (DN 65)	6bar/87psi	1080212	1/8
3" (DN 80)	6bar/87psi	1080300	1/6
4" (DN 100)	6bar/87psi	1080400	1/3

Suitable for Oil and gas services, heating, air-conditioning plants and compressed air. They can be installed in any position: vertical, horizontal, oblique.

Body in brass.
Plate in polymer.
Washer in NBR.
Spring: stainless steel.
Strainer in polymer and stainless steel.
Filtration degree: 3/8" through 2": 1200µm; 2 1/2" through 4": 2000µm.
Minimum and maximum working temperatures: -20°C, 250°C.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

Clapet
Materials


The cross section refers to the valve with NBR seat. Available also with metal seat.

Clapet
Diagram of the minimum pressure needed to get the valves opening

140
Materials

130

Swing check valve
METAL SEAT

SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	16bar/232psi	1300038M	16/144
1/2" (DN 15)	16bar/232psi	1300012M	16/144
3/4" (DN 20)	16bar/232psi	1300034M	12/84
1" (DN 25)	12bar/174psi	1300100M	8/56
1 1/4" (DN 32)	10bar/145psi	1300114M	5/35
1 1/2" (DN 40)	10bar/145psi	1300112M	4/24
2" (DN 50)	10bar/145psi	1300200M	2/12
2 1/2" (DN 65)	8bar/116psi	1300212M	1/12
3" (DN 80)	8bar/116psi	1300300M	1/6
4" (DN 100)	8bar/116psi	1300400M	1/3

NBR SEAT

SIZE	PRESSURE	CODE	PACKING
3/8" (DN 10)	16bar/232psi	1300038G	16/144
1/2" (DN 15)	16bar/232psi	1300012G	16/144
3/4" (DN 20)	16bar/232psi	1300034G	12/84
1" (DN 25)	12bar/174psi	1300100G	8/56
1 1/4" (DN 32)	10bar/145psi	1300114G	5/35
1 1/2" (DN 40)	10bar/145psi	1300112G	4/24
2" (DN 50)	10bar/145psi	1300200G	2/12

- Body in brass.
- O-ring for upper plug in NBR.
- O-ring of the side plug in NBR.
- Plate in brass.
- Minimum and maximum working temperatures: -10°C, 180°C.
- Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Available 3/8" through 2" with NBR seat, 3/8" through 4" with metal seat.
- Available also with NPT thread in the sizes 2 1/2", 3" and 4".

140

Foot valve

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	10bar/145psi	1400012	12/132
3/4" (DN 20)	10bar/145psi	1400034	12/84
1" (DN 25)	10bar/145psi	1400100	12/72
1 1/4" (DN 32)	8bar/116psi	1400114	5/30
1 1/2" (DN 40)	8bar/116psi	1400112	3/27
2" (DN 50)	8bar/116psi	1400200	2/14
2 1/2" (DN 65)	6bar/87psi	1400212	1/12
3" (DN 80)	6bar/87psi	1400300	1/6
4" (DN 100)	6bar/87psi	1400400	1/6

- Body and strainer in brass.
- Strainer washer in fibre.
- Plate in brass.
- Washer in NBR.
- Minimum and maximum working temperatures: 0°C, 90°C.
- Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Available also with NPT thread in the sizes 2 1/2", 3" and 4".

143



EUROPRESS pressure reducing valve

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	25bar/362.5psi	1430012	1/22
3/4" (DN 20)	25bar/362.5psi	1430034	1/22
1" (DN 25)	25bar/362.5psi	1430100	1/11
1 1/4" (DN 32)	25bar/362.5psi	1430114	1/6
1 1/2" (DN 40)	25bar/362.5psi	1430112	1/6
2" (DN 50)	25bar/362.5psi	1430200	1/3
2 1/2" (DN 65)	25bar/362.5psi	1430212	1/2
3" (DN 80)	25bar/362.5psi	1430300	1/2
4" (DN 100)	25bar/362.5psi	1430400	1/2

- Compensated piston operation.
Female/female threads.
Body in nickel-plated brass.
Minimum and maximum working temperatures: 0°C, 180°C.
Maximum inlet pressure: 25 bar.
Outlet pressure:
1/2" - 3/4" - 1" between 1 and 5,5 bar.
1 1/4 through 4" between 1 and 6 bar.
Factory preadjustment 3 bar.
Outlet pressure gauge connection 1/4" on both sides.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Available also with NPT thread in the sizes 2 1/2" - 3" - 4".
NF approved in 1/2" and 3/4" sizes

243



EUROPRESS pressure reducing valve dezincification resistant brass

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	25bar/362.5psi	2430012	1/22
3/4" (DN 20)	25bar/362.5psi	2430034	1/22
1" (DN 25)	25bar/362.5psi	2430100	1/11
1 1/4" (DN 32)	25bar/362.5psi	2430114	1/6
1 1/2" (DN 40)	25bar/362.5psi	2430112	1/6
2" (DN 50)	25bar/362.5psi	2430200	1/3

- Compensated piston operation.
Female/female threads.
Body in antidezincification brass.
Minimum and maximum working temperatures: 0°C, 80°C.
Maximum inlet pressure: 25 bar.
Outlet pressure:
1/2" - 3/4" - 1" between 1 and 5,5 bar.
1 1/4 through 2" between 1 and 6 bar.
Factory preadjustment 4 bar.
Outlet pressure gauge connection 1/4" on both sides.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Watermark and WRAS approved in 1/2", 3/4" and 1" sizes
WRAS approved to 16 bar

Europress

Installation of pressure reducing valves

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems. It can be installed in any position: vertical, horizontal, oblique.

For a right installation, we suggest to use just one pressure reducing valve for pressure inlet values up to 16 bar. If inlet pressure values are higher we suggest to use two pressure reducing valves in series.

**A strainer should be installed before the pressure reducing valve. (Please see the following charts).
IN CASE OF NOT COMPLIANCE WITH SUCH INSTALLATION, OUR COMPANY WILL NOT BE RESPONSIBLE OF ANY DAMAGES TO OUR PRESSURE REDUCING VALVES.**

Installation art.192 or 193 + art.515 + art.143



Installation art.192 or 193 + art.143MM



Installation art.192 or 193 + art.515 + art.243



143MM



EUROPRESS pressure reducing valve with union connection

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	25bar/362.5psi	1430012MM	1/22
3/4" (DN 20)	25bar/362.5psi	1430034MM	1/22
1" (DN 25)	25bar/362.5psi	1430100MM	1/11
1 1/4" (DN 32)	25bar/362.5psi	1430114MM	1/6
1 1/2" (DN 40)	25bar/362.5psi	1430112MM	1/6
2" (DN 50)	25bar/362.5psi	1430200MM	1/3

- Compensated piston operation.
Union connections.
Body in nickel-plated brass.
Minimum and maximum working temperatures: 0°C, 80°C.
Maximum inlet pressure: 25 bar.
Outlet pressure:
1/2" - 3/4" - 1" between 1 and 5,5 bar.
1 1/4 through 2" between 1 and 6 bar.
Factory preadjustment 3 bar.
Outlet pressure gauge connection 1/4" on both sides.
Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Multithread model available in 1/2" size.
NF approved in 1/2" and 3/4" sizes

360



MINIPRESS pressure reducing valve

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	15bar/217.5psi	3600012	4/60
3/4" (DN 20)	15bar/217.5psi	3600034	4/60

- Compensated piston operation. Female/female threads. Body in nickel-plated brass. Minimum and maximum working temperatures: 0°C, 180°C. Maximum inlet pressure: 15 bar. Outlet pressure can be adjusted between 1 and 4 bar. Factory preadjustment 3 bar. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

361



MINIPRESS pressure reducing valve with pressure gauge connection

SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	15bar/217.5psi	3610012	4/60
3/4" (DN 20)	15bar/217.5psi	3610034	4/60

- Compensated piston operation. Female/female threads. Body in nickel-plated brass. Minimum and maximum working temperatures: 0°C, 180°C. Maximum inlet pressure: 15 bar. Outlet pressure can be adjusted between 1 and 4 bar. Factory preadjustment 3 bar. Outlet pressure gauge connection 1/4". Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

Minipress

Installation of pressure reducing valves

A strainer should be installed before the pressure reducing valve. (Please see the following charts). **IN CASE OF NOT COMPLIANCE WITH SUCH INSTALLATION, OUR COMPANY WILL NOT BE RESPONSIBLE OF ANY DAMAGES TO OUR PRESSURE REDUCING VALVES.**

Installation art.192 or 193 + art.515 + art.360

Installation art.192 or 193 + art.515 + art.361



192



192CA



192



192CA



Y strainer

SIZE	PRESSURE	CODE	PACKING
1/4" (DN 8)	20bar/290psi	1920014	20/140
3/8" (DN 10)	20bar/290psi	1920038	20/140
1/2" (DN 15)	20bar/290psi	1920012	20/140
3/4" (DN 20)	20bar/290psi	1920034	10/70
1" (DN 25)	20bar/290psi	1920100	8/48
1 1/4" (DN 32)	20bar/290psi	1920114	5/30
1 1/2" (DN 40)	20bar/290psi	1920112	2/18
2" (DN 50)	20bar/290psi	1920200	2/10
2 1/2" (DN 65)	16bar/232psi	1920212	1/7
3" (DN 80)	16bar/232psi	1920300	1/6
4" (DN 100)	16bar/232psi	1920400	1/2

- Suitable for Oil and gas services, heating, air-conditioning plants and compressed air. Female/female threads and inspection plug. Body in brass. Minimum and maximum working temperatures: -20°C, 210°C in absence of steam. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228). Filtration degree: 1/4" through 2": 500µm; 2 1/2" through 4": 800µm

Cartridge for Y strainer 192

SIZE	CODE	PACKING	FILTRO
1/4" (DN 8)	192CA014	1/0	1/4"
1/4" (DN 8)	192CA014	1/0	3/8"
1/4" (DN 8)	192CA014	1/0	1/2"
3/4" (DN 20)	192CA034	1/0	3/4"
1" (DN 25)	192CA100	1/0	1"
1 1/4" (DN 32)	192CA114	1/0	1 1/4"
1 1/2" (DN 40)	192CA112	1/0	1 1/2"
2" (DN 50)	192CA200	1/0	2"
2 1/2" (DN 65)	192CA212	1/0	2 1/2"
3" (DN 80)	192CA300	1/0	3"
4" (DN 100)	192CA400	1/0	4"

- Filtration degree: - 1/4" through 2" 500µm; - 2 1/2, 3", 4" 800µm.

Y strainer

SIZE	PRESSURE	CODE	PACKING
1/4" (DN 8)	20bar/290psi	1920014A	20/140
3/8" (DN 10)	20bar/290psi	1920038A	20/140
1/2" (DN 15)	20bar/290psi	1920012A	20/140
3/4" (DN 20)	20bar/290psi	1920034A	10/70
1" (DN 25)	20bar/290psi	1920100A	8/48
1 1/4" (DN 32)	20bar/290psi	1920114A	5/30
1 1/2" (DN 40)	20bar/290psi	1920112A	2/18
2" (DN 50)	20bar/290psi	1920200A	2/10

- Suitable for Oil and gas services, heating, air-conditioning plants and compressed air. They can Female/female threads and inspection plug. Body in brass. Minimum and maximum working temperatures: -20°C, 210°C in absence of steam. Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228). Filtration degree: 1/4" through 2" 200µm

Cartridge for Y strainer 192

SIZE	CODE	PACKING	FILTRO
1/4" (DN 8)	192CA014A	1/0	1/4"
1/4" (DN 8)	192CA014A	1/0	3/8"
1/4" (DN 8)	192CA014A	1/0	1/2"
3/4" (DN 20)	192CA034A	1/0	3/4"
1" (DN 25)	192CA100A	1/0	1"
1 1/4" (DN 32)	192CA114A	1/0	1 1/4"
1 1/2" (DN 40)	192CA112A	1/0	1 1/2"
2" (DN 50)	192CA200A	1/0	2"

- Filtration degree: 1/4" through 2" 200µm

484

Thermometer and pressure gauge, bottom connection

SIZE	PRESSURE	CODE	PACKING
1/2"	6bar/87psi	484B012	2/44

- Diameter mm.80.
 Size of the connection: 1/2".
 Scale: 0°C-120°C, 0-6 bar.
 Taper thread ISO 7/1 R (equivalent to DIN EN 10226-1 and BS EN 10226-1).

485

Thermometer and pressure gauge, back connection

SIZE	PRESSURE	CODE	PACKING
1/2"	4bar/58psi	485B012	2/44

- Diameter mm.63.
 Size of the connection: 1/2".
 Scale: 0°C-120°C, 0-4 bar.
 Taper thread ISO 7/1 R (equivalent to DIN EN 10226-1 and BS EN 10226-1).

493

Thermometer, back connection

SIZE	PRESSURE	CODE	PACKING
3/8"X40	10bar/145psi	493B03840P	10/220
1/2"X40	10bar/145psi	493B01240P	8/176
1/2"X63	10bar/145psi	493B01263P	4/88
1/2"X80	10bar/145psi	493B01280P	2/22

- Complying with INAIL regulation (ex ISPESEL).
 Available diameters: mm.40, mm.63, mm.80.
 Size of the connections: 3/8", 1/2".
 Pin length: mm.50 (with \varnothing 40 - 63) - mm.100 (with \varnothing 80).
 Scale: 0°C- 80°C (3/8"), 0°C-120°C (1/2").
 Taper thread ISO 7/1 R (equivalent to DIN EN 10226-1 and BS EN 10226-1).

362

Automatic air-vent valve

SIZE	PRESSURE	CODE	PACKING
3/8"	10bar/145psi	3620038	10/70
1/2"	10bar/145psi	3620012	10/70
3/4"	10bar/145psi	3620034	10/30
1"	10bar/145psi	3620100	10/30

- Body in nickel-plated brass.
 Float in polyethilenic resin.
 Maximum working temperature: 210°C.
 Maximum discharge pressure: 6 bar.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).
- Available with NPT thread in the sizes 1/2" - 3/4" - 1"

362R

Automatic air-vent valve, compact

SIZE	PRESSURE	CODE	PACKING
3/8"	10bar/145psi	3620038R	10/70
1/2"	10bar/145psi	3620012R	10/70

- Body in nickel-plated brass.
 Float in polyethilenic resin.
 Maximum working temperature: 190°C.
 Maximum discharge pressure: 6 bar.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

363

Automatic air-vent valve, side outlet

SIZE	PRESSURE	CODE	PACKING
3/8"	10bar/145psi	3630038	10/70
1/2"	10bar/145psi	3630012	10/70

- Body in nickel-plated brass.
 Float in polyethilenic resin.
 Maximum working temperature: 190°C.
 Maximum discharge pressure: 6 bar.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

364

Automatic air-vent valve, side inlet

SIZE	PRESSURE	CODE	PACKING
3/8"	10bar/145psi	3640038	10/70
1/2"	10bar/145psi	3640012	10/70

- Body in nickel-plated brass.
 Float in polyethilenic resin.
 Maximum working temperature: 170°C.
 Maximum discharge pressure: 6 bar.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

364R

Automatic air-vent valve, side inlet, compact

SIZE	PRESSURE	CODE	PACKING
3/8"	10bar/145psi	3640038R	10/70
1/2"	10bar/145psi	3640012R	10/70

- Body in nickel-plated brass.
 Float in polyethilenic resin.
 Maximum working temperature: 170°C.
 Maximum discharge pressure: 6 bar.
 Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).