



Rev. 09/2021

RINOX

Diaphragm pressure reducing valve.

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Diaphragm pressure reducing valve.

+ For use in heating-plumbing systems

Recommended for reducing the pressure between the distribution mains and the main use derivations

Recommended in circuits where the upstream pressure is subject to oscillations

Inlet pressures no higher than 25 bar



PRODUCTION RANGE

"RINOX FF" FIRST REDUCTION PRESSURE REDUCING VALVE

| Code | Size | Connection | P _{max} before | P _{after} adjustable | Preset P | On request | |
|----------|----------|----------------------|---|-------------------------------|----------|-------------------------------|----------|
| | | | | | | P _{after} adjustable | Preset P |
| 51.05.95 | G 3/4" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 600÷1000 kPa [6÷10 bar] | - | - | - |
| 51.06.95 | G 1" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 600÷1000 kPa [6÷10 bar] | - | - | - |
| 51.07.95 | G 1 1/4" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 600÷1000 kPa [6÷10 bar] | - | - | - |
| 51.08.95 | G 1 1/2" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 600÷1000 kPa [6÷10 bar] | - | - | - |
| 51.09.95 | G 2" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 600÷1000 kPa [6÷10 bar] | - | - | - |

* Satisfies EN 1567 and NF (France) type-approved (Sizes 1/2" and 3/4" only). For the Rinox Kit, the certification applies only to the Rinox pressure reducer.

** ACS conformity "Attestation de Conformité Sanitaire" (France) according to DGS/SD7A n°571 of 25/11/2002

*** Korea water and wastewater works association

PRODUCTION RANGE

"RINOX FF" SECOND REDUCTION PRESSURE REDUCING VALVE

| Code | Size | Connection | P _{max} before | P _{after} adjustable | Preset P | On request | |
|-----------|---------|----------------------|--|-------------------------------|--------------------|-------------------------------|----------|
| | | | | | | P _{after} adjustable | Preset P |
| 51.04.70* | G 1/2" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.05.70* | G 3/4" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.06.70 | G 1" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.07.70 | G 1"1/4 | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.08.70 | G 1"1/2 | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.09.70 | G 2" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.10.70 | G 2"1/2 | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.11.70 | G 3" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.13.70 | G 4" | FF UNI-EN-ISO 228 | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.10.10 | DN 65 | Flanged | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.11.10 | DN 80 | Flanged | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.13.10 | DN 100 | Flanged | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |

PRODUCTION RANGE

| "RINOX MM" PRESSURE REDUCING VALVE | | | | | | | |
|------------------------------------|----------|---------------------------------------|--|-------------------------------|--------------------|-------------------------------|----------|
| Code | Size | Connection | P _{max} before | P _{after} adjustable | Preset P | On request | |
| | | | | | | P _{after} adjustable | Preset P |
| 51.04.10* | G 1/2" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.05.10* | G 3/4" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.06.10 | G 1" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷550 kPa [0,8÷5,5 bar] | 300 kPa [3 bar] | 80÷700 kPa [0,8÷7 bar] | - |
| 51.07.10 | G 1 1/4" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.08.10 | G 1 1/2" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |
| 51.09.10 | G 2" | MM UNI-EN-ISO 228 with coupling | 2500 kPa [25 bar] (1600 kPa [16 bar] in accordance with standard NF) | 80÷700 kPa [0,8÷7 bar] | - | - | - |

PRODUCTION RANGE - ACCESSORIES

| Code | Description |
|------|-------------|
|------|-------------|



1213.005

Radial gauge ø 50 mm.
Scale range: 0 ÷ 16 bar.
Connection: 1/4"

DESCRIPTION

The **RBM Rinox pressure reducing valve** range are diaphragm pressure reducers, with a compensation chamber.

PURPOSE

The main purpose of **RBM Rinox pressure reducing valves** is to reduce the fluid pressure to optimum operating values, constantly below the maximum permitted values so as not to damage equipment fitted after the reducing valve.

USE

RBM Rinox pressure reducing valve is an **adjustment unit and not a security unit**. In order to guarantee this task, it is necessary to supply the system with suitable security unit.

RBM Rinox pressure reducing valves are especially recommended for use in heating-plumbing systems. In particular they are recommended for reducing the pressure between the distribution mains and the main use derivations.

Pressure reducing valves are especially recommended if used in circuits where the upstream pressure is subject to oscillations (water hammering).

CERTIFICATIONS

All components suitable for the conveyance of drinkable fluids are provided with a certification stating their compliance with Ministerial

Decree **DM 174/04** and with the **A.C.S** French Standards on the suitability of materials coming into contact with fluids intended for human consumption.

CHOICE

The **RBM Rinox pressure reducing valve** range is recommended for use in heating-plumbing systems with inlet pressures no higher than 25 bar.

The downstream pressure regulation can be either 0,8÷5,5 bar, 0,8÷7 bar or 6÷10 bar, depending on the models.

The reducing valve also has a shutter double seal seat which guarantees optimum pressure regulation control.

The correct choice of the number of pressure reducing valves necessary to obtain the pressure reduction, is important to avoid cavitation phenomena.

These phenomena in fact cause excessive noise in the reducing valve with consequent disturbances to users and possible damage to the reducing valve itself.

The first pressure reducing valve reduces upstream pressure near a value of 25 bar in compliance with the reduction ratio recommended by RBM.

For further information please refer to the dedicated section inside the technical sheet for the optimum choice of the number of reducing valves in function to the pressure differential to be obtained.

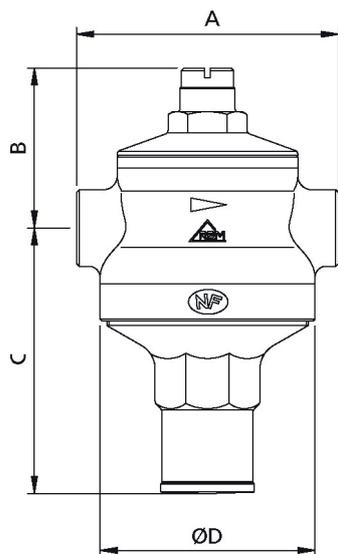
CONSTRUCTION CHARACTERISTICS

| | |
|--|------------------------------|
| Body | Brass CW 617N UNI EN 12165 |
| Seal seat | Stainless steel AISI 303 |
| N° of shutter seal seats | 1 |
| N° of piston sliding seal seats | 1 |
| Internal component metal | Brass CW614N UNI EN 12164 |
| Rod | Brass CW614N UNI EN 12164 |
| Diaphragm | NBR nitrile elastomer |
| Seals | NBR nitrile elastomer |
| Plastic parts | Nylon 6 with 30% fibre glass |
| Gauge attachment connection | F G 1/4" |

TECHNICAL CHARACTERISTICS

| | |
|--|---|
| Compatible fluid | Water |
| Nominal pressure | PN40 |
| Maximum inlet pressure: | 25 bar (Rinox and Rinox Kit); 16 bar (Rinox Kit) (value limited by the filter included in the Kit) |
| Inlet pressure in accordance with standard NF | 16 bar (Rinox and Rinox Kit) |
| Adjustable outlet pressure: | 0,8÷5,5 bar 0,8÷7 bar or 6÷10 bar, depending on model |
| Factory presetting | 3 bar only for model with adjustable outlet pressure 0,8÷5,5 bar |
| Maximum operating temperature | 80 °C |
| Connections | UNI-EN-ISO 228 FF or MM thread, depending on model |
| Filter | Stainless steel AISI 304 |
| Filtration | 800 µm (Rinox Kit) |
| Anti-hammering action | Yes |
| Acoustic unit | 2 (23 dB (A) for 1/2" and 3/4") |

DIMENSIONAL CHARACTERISTICS

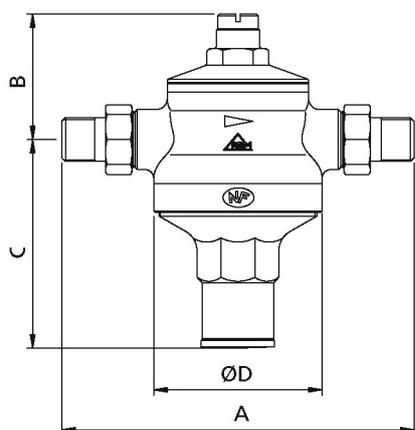


RINOX FF

| Code | Size | A [mm] | B [mm] | C [mm] | Ø D [mm] |
|----------|--------|--------|--------|--------|----------|
| 51.04.95 | 1/2" | 95 | 56,5 | 117,7 | 78 |
| 51.05.95 | 3/4" | 95 | 56,5 | 117,7 | 78 |
| 51.06.95 | 1" | 95 | 62,5 | 122,2 | 78 |
| 51.07.95 | 1" 1/4 | 116 | 66,5 | 142 | 92,5 |
| 51.08.95 | 1" 1/2 | 122 | 70,5 | 152 | 92,5 |
| 51.09.95 | 2" | 126 | 70,5 | 152 | 92,5 |
| 51.04.70 | 1/2" | 95 | 58,5 | 97 | 78 |
| 51.05.70 | 3/4" | 95 | 58,5 | 97 | 78 |
| 51.06.70 | 1" | 95 | 64,5 | 101,5 | 78 |
| 51.07.70 | 1" 1/4 | 116 | 68,5 | 165 | 92,5 |
| 51.08.70 | 1" 1/2 | 122 | 73 | 175 | 92,5 |
| 51.09.70 | 2" | 126 | 73 | 175 | 92,5 |
| 51.10.70 | 2" 1/2 | 180 | 103 | 274,5 | 186 |
| 51.11.70 | 3" | 188 | 103 | 274,5 | 186 |
| 51.13.70 | 4" | 202 | 103 | 274,5 | 186 |

RINOX FLANGED

| Code | Size | A [mm] | B [mm] | C [mm] | Ø D [mm] |
|----------|--------|--------|--------|--------|----------|
| 51.10.10 | DN 65 | 260 | 103 | 274,5 | 186 |
| 51.11.10 | DN 80 | 276 | 103 | 274,5 | 186 |
| 51.13.10 | DN 100 | 293 | 103 | 274,5 | 186 |



RINOX MM

| Code | Size | A [mm] | B [mm] | C [mm] | Ø D [mm] |
|----------|--------|--------|--------|--------|----------|
| 51.04.10 | 1/2" | 163 | 58,5 | 97 | 78 |
| 51.05.10 | 3/4" | 175 | 58,5 | 97 | 78 |
| 51.06.10 | 1" | 185,5 | 64,5 | 101,5 | 78 |
| 51.07.10 | 1" 1/4 | 216,5 | 68,5 | 165 | 92,5 |
| 51.08.10 | 1" 1/2 | 238,5 | 73 | 175 | 92,5 |
| 51.09.10 | 2" | 266 | 73 | 175 | 92,5 |

Q = Portata l/h

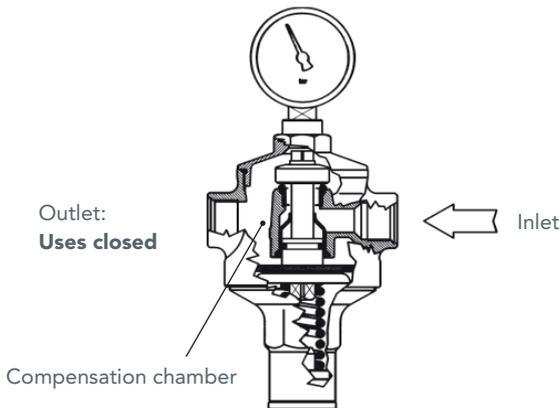
OPERATION

The **RBM pressure reducer** bases its operation on balancing between the antagonist force of the spring and the thrust pressure of the fluid on the diaphragm. In fact, the spring tends to open the reducing valve shutter while the pressure exerted on the useful surface on the diaphragm tends to close the shutter itself.

With their compensation chamber system, **RBM pressure reducing**

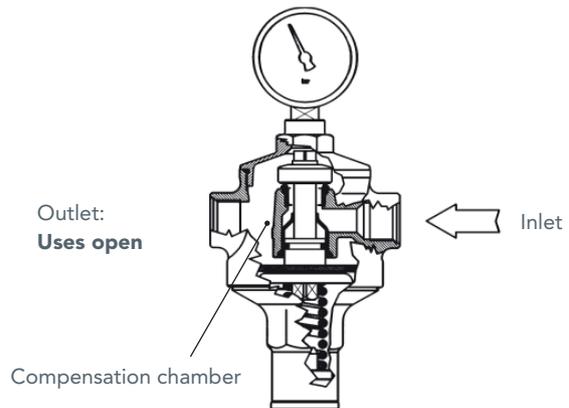
valves permit the cancellation of variations which could derive from pressure oscillations in the inlet circuit. In fact, the compensation chamber balances the pressure equally on the ends of the shutter. In this way, the pressure regulation applied by the reducing valve depends solely on the pressure value required downstream.

PRESSURE STILL AT REGULATION VALUE OF 3 BAR



When the uses to be served are closed, the downstream pressure increases, pushing the reducer piston downwards. In this way, the shutter closes the passage section of the reducer maintaining the setting value set on the spring constant; in fact, the minimum pressure difference across the shutter permits the perfect closing of this latter.

PRESSURE LOSS: $P < 3$ BAR

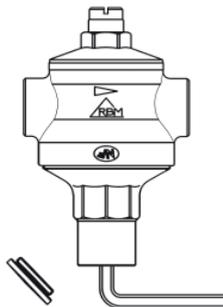


When the uses are opened downstream, the pressure exerted on the piston is lessened in favour of the force exerted by the spring on the shutter permitting it to open with the constant passage of the fluid. As the water demand from the user network increases the pressure on the piston decreases and more water passes.

PRESSURE REDUCING VALVE CALIBRATION

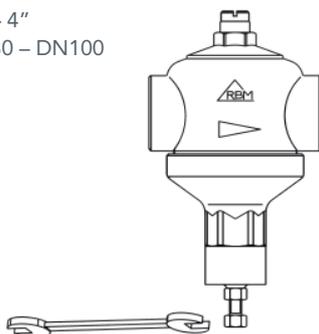
SIZES:

1/2" - 3/4" - 1"
1" 1/4 - 1" 1/2 - 2"



SIZES:

2" 1/2 - 3" - 4"
DN65 - DN80 - DN100



The final calibration of the pressure reducing valve must be performed with the hydraulic circuit completely full and with all the uses closed, otherwise false values would be obtained owing to the fact that the downstream pressure reduces in relation to the necessary flow rate, during any supply.

The pressure reducing valve can be calibrated using the internal locking or the external screw: screw clockwise to increase the value, anticlockwise to reduce it.

Calibration operations:

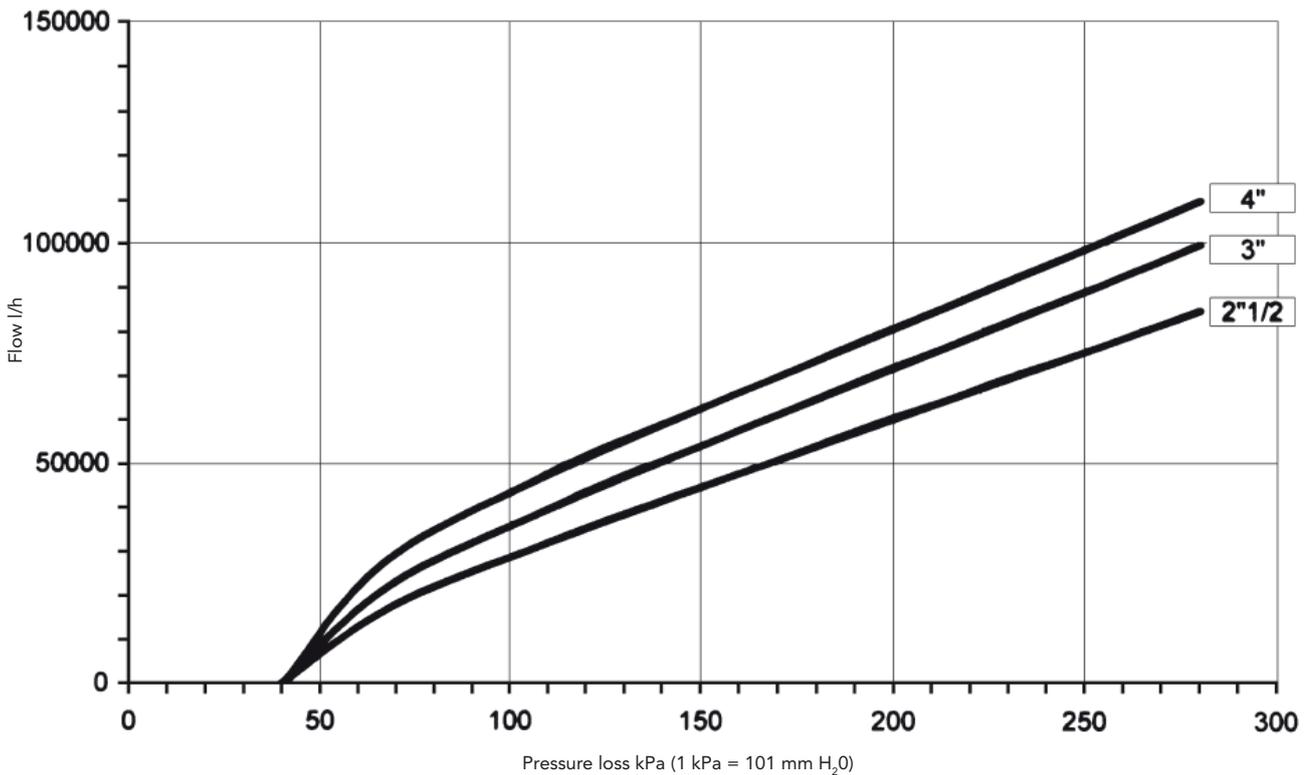
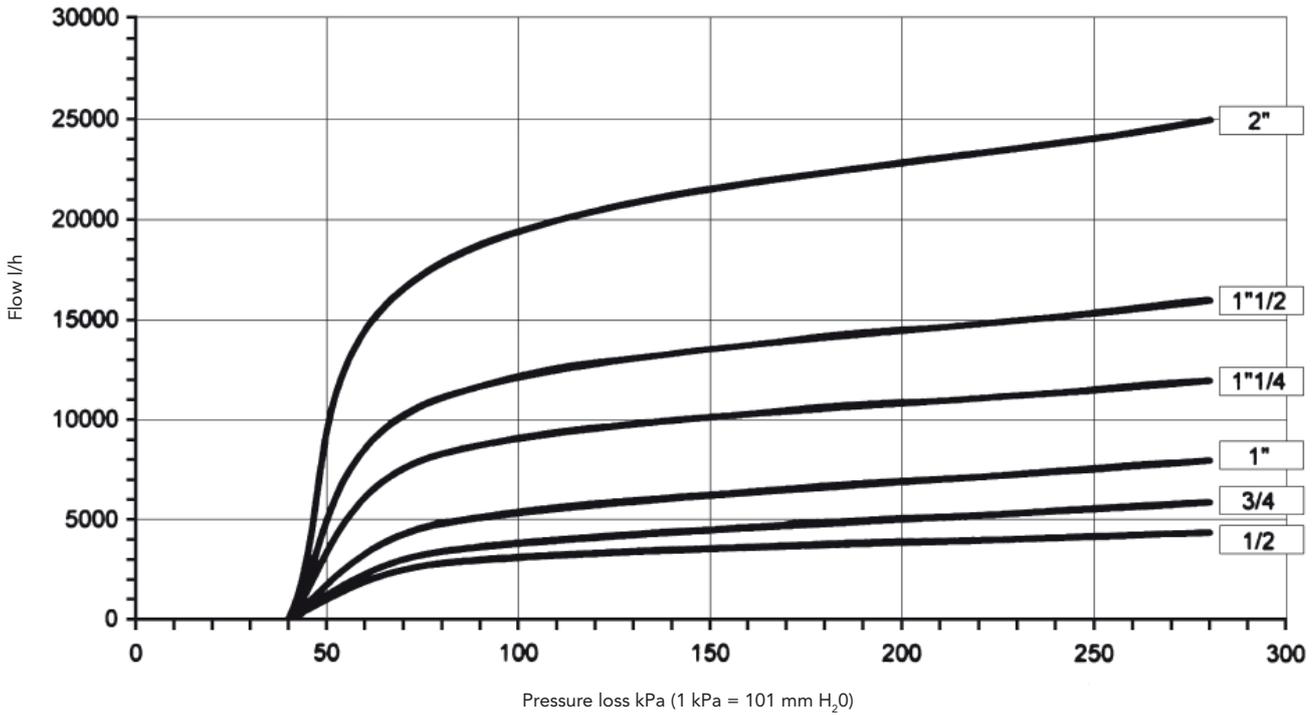
- Close the interception valve after the pressure reducing valve.
- Calibrate the pressure reducing valve using a spanner appropriate for the model.
- The calibration operation is considered to be complete when the desired pressure is read on the gauge.

Warnings:

- Perform several discharge actions to check the stability of the calibration.
- With the system operating, the pressure read at the gauge could be falsified by the overpressure of the thermal system; any correction made should always be performed with the system at a standstill and at ambient temperature.

FLUID DYNAMIC CHARACTERISTICS

Load loss diagram



The values described in the diagrams are obtained with:

- Inlet pressure of 800 kPa (8 bar);
- Outlet pressure of 300 kPa (3 bar).

The values shown refer to the performance of just one Rinox pressure reducing valve

READING THE DIAGRAM:

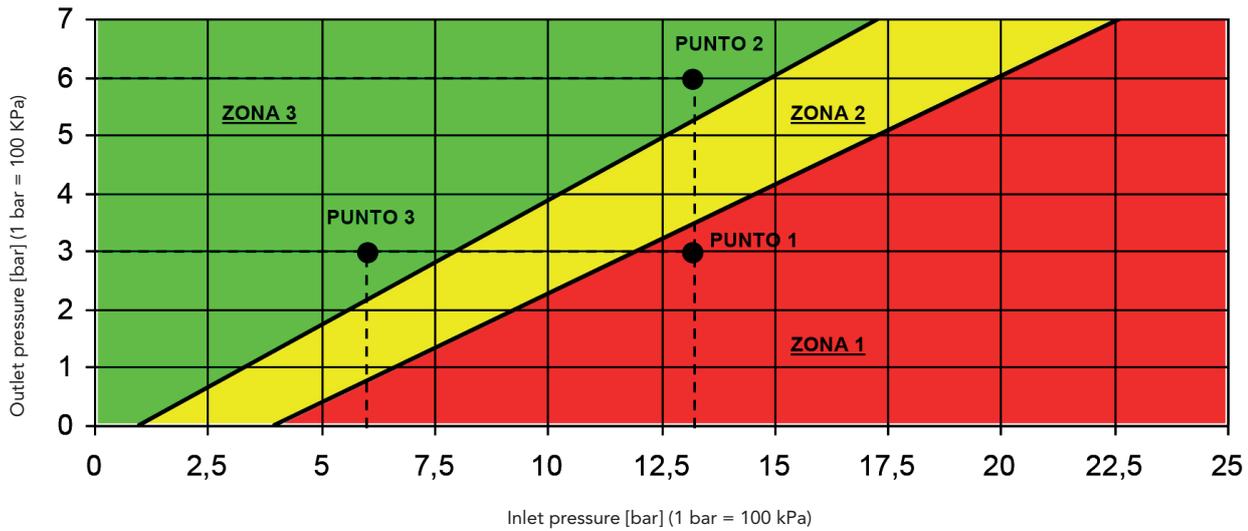
The pressure reducing valve load loss diagram represents the pressure loss in function to the flow rate at the user outlets.

Example: I consider a 1" pressure reducing valve with a preset pressure of $P = 300$ kPa and I hypothesise a flow rate of $Q = 1.500$ l/h at

the user outlets. From the diagram we find that the pressure value is $P_1 = 60$ kPa for this flow rate Q . On the pressure reducing valve gauge we read the following pressure value $P_0 = 300 - 60 = 240$ kPa which represents the pressure value at the user outlets.

SIZING THE PRESSURE REDUCING VALVE

Cavitation diagram *



In order to avoid cavitation phenomena and therefore excessive component noise, we recommend choosing the number of pressure reducing valves necessary for a determinate pressure differential, according to the information in the "CAVITATION DIAGRAM".

The cavitation diagram shows the three operating zones of the pressure reducing valve in function to the inlet and outlet pressures:

- **ZONE 1: Malfunctioning zone.** The cavitation phenomena are clearly and present inside the pressure reducing valve. We recommend against using the pressure reducing valve at these pressures.
- **ZONE 2: Critical zone.** The possible occurrence of cavitation phenomena inside the pressure reducing valve is evidenced. We recommend against using the pressure reducing valve at these pressures.
- **ZONE 3: Operating zone.** The pressure reducing valve operates in optimum conditions and there is no cavitation. This is the optimum interval of pressure values for the operation of the pressure reducing valve.

In order to avoid cavitation phenomena, we recommend making the pressure reducing valve operate inside ZONE 3, and also, to prevent the ratio between the maximum inlet pressure and the regulation outlet pressure of the pressure reducing valve from exceeding the value

POSSIBLE SOLUTION:

Pressure reducing valve A [POINT 2]:

- Inlet P: P_{MA} = 13 bar
- Outlet P: P_{VA} = 6 bar

Pressure ratio: $13/6 = 2,17 < 2,5$

N.B.: The reducer inlet pressure must never be higher than the maximum operating temperature of the components downstream from the pressure reducing valve, so as to avoid damaging them or malfunctioning.

Apart from acting on the pressure differential, the cavitation phenomena of the pressure reducing valve can also be controlled by choo-

of 2.5.

DIMENSIONING

If we want to make a pressure reducing valve work between the following pressure values:

- Inlet P: P_M = 13 bar
- Outlet P: P_V = 3 bar

As we can see in the diagram, (POINT 1) the pressure reducing valve runs into certain cavitation phenomena at these work pressures.

In order to avoid these phenomena and considering that the ratio between the maximum inlet pressure and the outlet regulation pressure must not exceed the values of 2.5, we could take recourse to introducing a second pressure reducing valve in series, so as to obtain the same pressure differential, via two distinct pressure differentials.

The suggested solution is therefore to use two pressure reducing valves in series which must both work in ZONE 3 of the diagram, to divide the pressure difference over two reduction differentials and where the pressure ratio does not exceed 2.5.

Pressure reducing valve B [POINT 3]:

- Inlet P: P_{MB} = 6 bar
- Outlet P: P_{VB} = 3 bar

Pressure ratio: $6/3 = 2 < 2,5$

sing an optimum speed value of the fluid passing through it.

We therefore recommend choosing the diameter of the pressure reducing valve so that the speed of the fluid passing through it is between the following values:

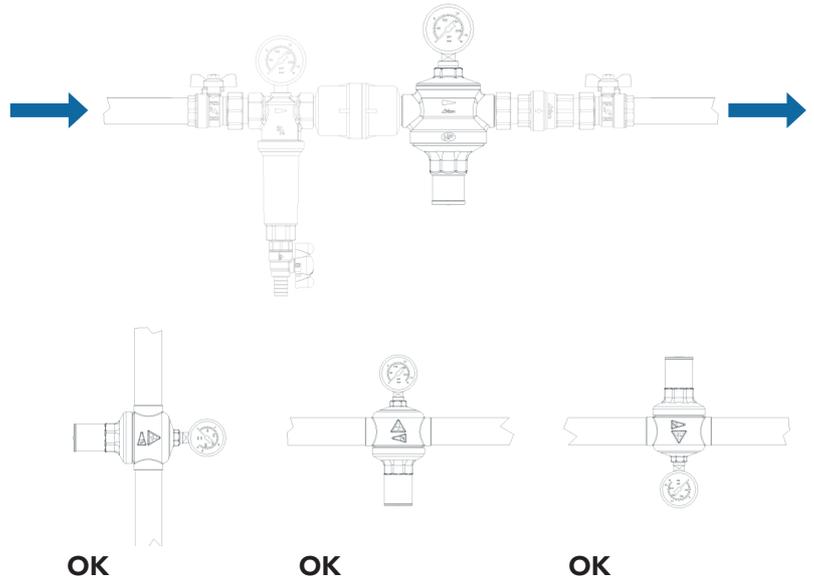
- **For water:** $V = 0,7 \div 1,5$ m/s (residential use)
 $V = 1 \div 3,5$ m/s (industrial use)

* **N.B: The cavitations diagram is only intended to supply technicians with a rapid, guide reference for associating the chosen component with a given size of system. The values shown in the table are not binding and do not therefore represent the performance limits of the components.**

FITTING

FITTING PRECAUTIONS:

- Always fit a filter before the system.
- Perform ordinary filter maintenance.
- Respect the direction indicated by the flow direction arrow on the body.
- Use interception valves to permit eventual maintenance work.
- Clean the pipes before and after the pressure reducing valve to prevent damage to the same.
- The pressure reducing valve can be fitted vertically, horizontally or facing downwards.



RECOMMENDATIONS REGARDING ALLOWED WAYS OF CONNECTING THREADED FITTINGS:

To correctly seal threaded joints and fittings of hydraulic, hygienic, sa-

nitary and industrial systems, we recommend using mastic, paste and/or products suitable for sealing these types of connections. It is not allowed to use flat and/or taper-seal type or any other type of gaskets.

MAIN COMPONENTS FOR USE WITH THE RINOX PRESSURE REDUCING VALVE

| Code | Description |
|--|--|
|  3.03+13.00, 3.03+13.10, 3.03+09.70, 3.03+13.20 | Line filters with extractable filter cartridge. Max operating pressure: 16 bar. UNI-EN-ISO 228 thread. Filtering capacity from 800 µm to 50 µm. |
|  858.04+09.12, 858.04+09.02, 858.04+09.72 | Line filters with extractable filter cartridge. Max operating pressure: 16 bar. UNI-EN-ISO 228 thread. Filtering capacity from 800 µm to 100 µm. |
|  126.03+13.10 | Self-cleaning filter for water with extractable filter cartridge, complete with dial gauge and ball drain valve with connection via rubber hose connector. Max operating pressure: 16 bar. UNI-EN-ISO 228 thread. Standard filtering 100 µm. |
|  2516.04+06.00 583.07.00 | Self-cleaning filter for water with extractable filter cartridge and visual control of the degree of blockage, complete with double dial gauge and ball drain valve with connection via rubber hose connector. Max operating pressure: 16 bar. UNI-EN-ISO 228 thread. Standard filtering 100 µm. |
|  Ranges 929, 930, 931, 959, 1041, 1156, 1171,1172, 1173, 1200, 1201, 1215, 6059, 6062, 6065, 6068, 6071, 6074 | Spare filters for in line Y filters, self-cleaning with single or double gauge. |
|  304.04+13.00 | Magnetic lime scale remover for physical water treatment. Max operating pressure: 16 bar. UNI-EN-ISO 228 thread. |
|  67.04+07.02, 67.04+07.12 | Ball valve with total passage, control by butterfly knob, MF connections. UNI-EN-ISO 228 thread. |
|  67.05.70, 67.06.70, 67.05.00, 67.06.00 | Ball valve with total passage for water, control by butterfly knob, MF connections with OR seal fitting. UNI-EN-ISO 228 thread. |

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MAIN COMPONENTS FOR USE WITH THE RINOX PRESSURE REDUCING VALVE

| | Code | Description |
|---|------------------------|--|
|  | 72.04÷09.00, 72.06.50 | Straight MM union fitting in three pieces. Max operating pressure: 10 bar. UNI-EN-ISO 228 thread. |
|  | 1100.05.00, 1100.06.00 | Straight MM union fitting in three pieces with OR seals on the connections. Max operating pressure: 10 bar. UNI-EN-ISO 228 thread. |

SPECIFICATION ITEMS

SERIES 51.0

Adjustable compensated first pressure reducing valve, with double seat in stainless steel, diaphragm operated, with anti-water hammer function, model **Rinox**. Suitable for channelling water. Nickel plated brass body. Stainless steel AISI 303. Nitrile seals. Threaded connections FF UNI-EN-ISO 228. Pressure gauge connection F 1/4". Nominal pressure 40 bar. Max upstream pressure 25 bar. Max upstream pressure in compliance with standard NF 16 bar. Max operating temperature 80 °C. Outlet adjustment 6÷10 bar. Available sizes 1/2" ÷ 2".

SERIES 51.1

Adjustable compensated second pressure reducing valve, with double seat in stainless steel, diaphragm operated, with anti-water hammer function, model **Rinox**. Suitable for channelling water. Nickel plated brass body. Stainless steel AISI 303. Nitrile seals. Threaded connections FF UNI-EN-ISO 228. Pressure gauge connection F 1/4". Nominal pressure 40 bar. Max upstream pressure 25 bar. Max upstream pressure in compliance with standard NF 16 bar. Max operating temperature 80 °C. Default presetting 3 bar (only size 1/2" - 3/4" - 1"). Outlet adjustment 0,8÷5,5 bar, on-demand outlet adjustment 0,8÷7 bar. Available sizes 1/2" ÷ 4" (or connection flanged DN65 ÷ DN100).

SERIES 51.2

Adjustable compensated pressure reducing valve, with double seat in stainless steel, diaphragm operated, with anti-water hammer function, model **Rinox**. Suitable for channelling water. Nickel plated brass body. Stainless steel AISI 303. Nitrile seals. Threaded union connections MM UNI-EN-ISO 228. Pressure gauge connection F 1/4". Nominal pressure 40 bar. Max upstream pressure 25 bar. Max upstream pressure in compliance with standard NF 16 bar. Max operating temperature 80 °C. Default presetting 3 bar (only size 1/2" - 3/4" - 1"). Outlet adjustment 0,8÷5,5 bar, on-demand outlet adjustment 0,8÷7 bar. Available sizes 1/2" ÷ 2".

RBM spa reserves the right to improve and change the described products and related technical data at any moment and without prior notice: always refer to the instructions attached with the supplied components; this sheet is an aid, should the instructions be extremely schematic. Our technical office is always at your disposal for any doubt, problem or explanation.

RBM Spa

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