

RIDUTTORE DI PRESSIONE PER ACQUA

MINIBRASS CR PN16



Direct acting pressure reducing valve piston operating – patented

Part in contact with water made in DZR brass

PN 16 – Maximum inlet pressure 16 bar

Adjustable outlet range 1 – 4 bar

Factory setting 3 bar

Maximum working temperature: 80° C

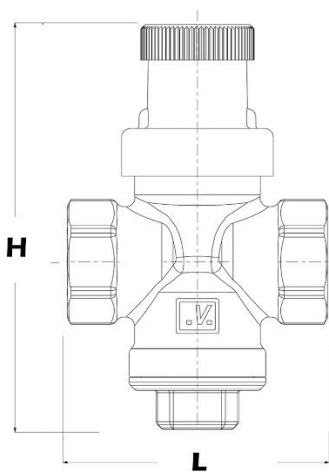
NBR rubber parts

Designed for water, use also with air

Threads FF ISO 228

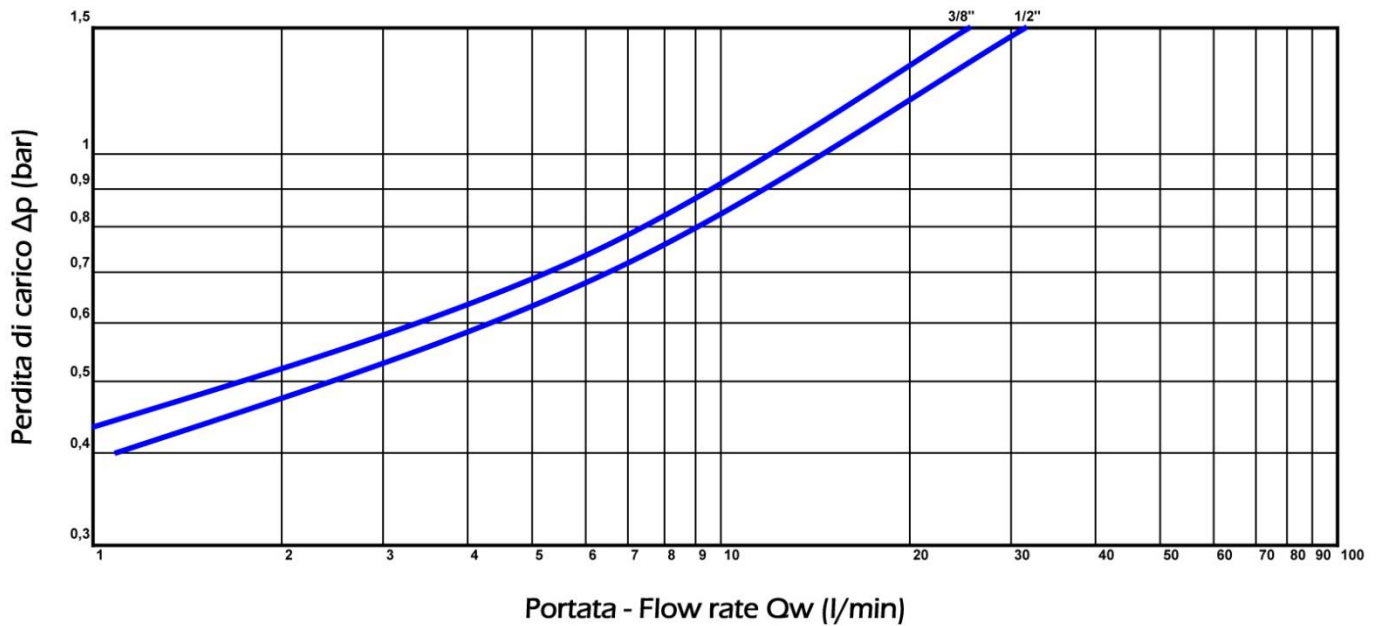
Available sizes: 3/8" (DN10) e 1/2" (DN15)

External finish sandblasted brass



Code	Size	DN	H mm	L mm	Weight Gr
101	3/8"	10	95	61	340
102	1/2"	15	95	61	360

DISCHARGE AND PRESSURE DROP DIAGRAM:

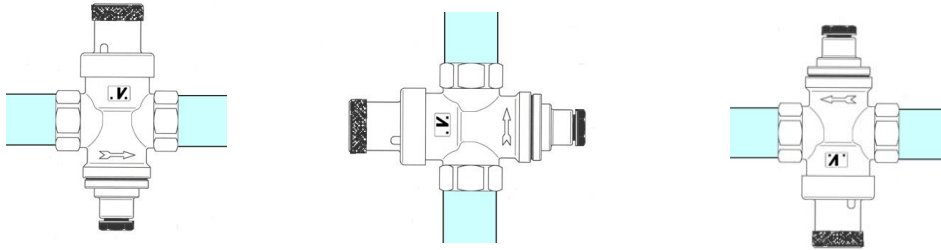


BEST HYDRAULIC DISCHARGE OF PRESSURE REDUCERS MINIBRASS CR SERIES

In order to choose the best pressure reducers for any plant, we suggest to follow the indications mentioned in the underexposed table with the best running pressure of the valves MINIBRASS CR series; the values are exposed both in litres/minute and cbm/hour, and indicate the field of use where you can obtain the best functioning, silence and smaller loss of charge of the valves.

MODEL	SIZE	BEST HYDRAULIC DISCHARGE L/min	BEST HYDRAULIC DISCHARGE Cbm/hour
MINIBRASS 101	3/8"	8 - 12	0,5 - 0,7
MINIBRASS 102	1/2"	10 - 14	0,6 - 0,8

INSTALLATION GUIDELINES

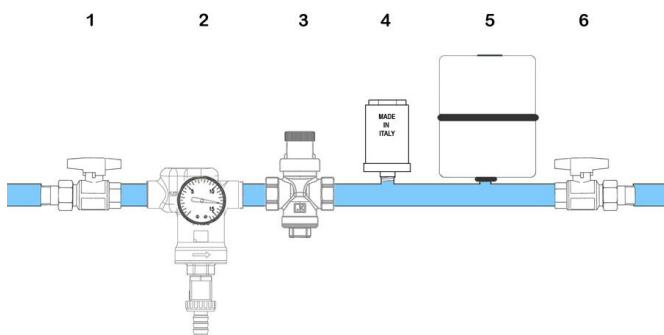


The pressure reducers MINIBRASS CR don't get the effects, for their functioning, of the gravity force; therefore they can be installed in the plant in any position::

Pressure reducing valves can be damaged by dirty water; therefore we advise to install a self-cleaning filter URANUS upstream before the pressure reducer, in order to protect the valve and any other mechanism (thermostatic mixers, taps, etc.).

When there is a device which produce or store hot water or pipes are exposed to sudden changes in temperature, an increase of outlet pressure may occur; this event is due to the raise in pressure that follows the temperature rising: an expansion vessel between downstream the pressure reducing valve will avoid this problem.

We recommend moreover to install a STOPSHOCK valve to prevent water hammer which would damage the inner parts of the pressure reducer and other devices in the waterworks:



1 – ball valve

2 – Uranus filter

3 – Minibrass CR

4 – WHA Stopshock

5 – expansion tank

6 – ball valve



All Malgorani pressure reducers are tested before being packaged; during the test they are pre-set at the outlet pressure of 3 bars; the outlet pressure can be easily modified when the valve is installed on the water system.

To modify outlet pressure first remove black plastic cap; then by using, a screwdriver, turn the brass spring holder as shown in the pictures below: by turning clockwise pressure increases, while counter-clockwise the pressure decreases. A correct setting must be made while the downstream plant is closed.

⚠WARNING: Installation or any change of outlet pressure must be performed by qualified personnel.

? technical information: contact@malgorani.it