SKS102 (Made in Italy)

Pressure Reducing Valve

Product Data

Features

- Brass pressure reducing valve
- PN 15
- Adustable outlet pressure between 1 amd 4 bar
- Brass diaphragm system
- Patent pending

Fields:

The pressure reducing valves series SKS102 are suitable for reduction and control of pressure in plants with following characteristics:

Max inlet pressure :	**15 bar**
Field of action (outlet pressure):	**1 - 4 bar**
Max temperature of use:	**80° C**
Threading of connection :	**ISO 228/1**
Suitable fluids:	**Water, compressed air**
Reduction rate:	**5 : 1**

All “SKS” - Valves OUT-PERFORM any of our competitor’s owing to better design & technical features.

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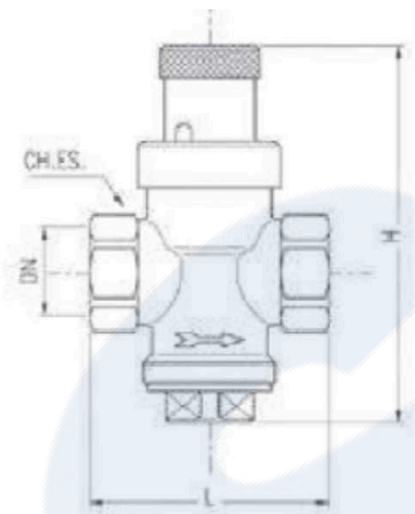
Materials:

Metal of the body:	**Brass alloy CW617N - UNI EN 12165**
Metal of the inner parts:	**Brass alloy CW614N - UNI EN 12164**
Seat:	**Brass alloy CW617N - UNI EN 12165**
Bar:	**Brass alloy CW614N - UNI EN 12164**
O-rings:	**NBR 70sh**
Plastic parts:	**Ultramid® A3K (BASF)**

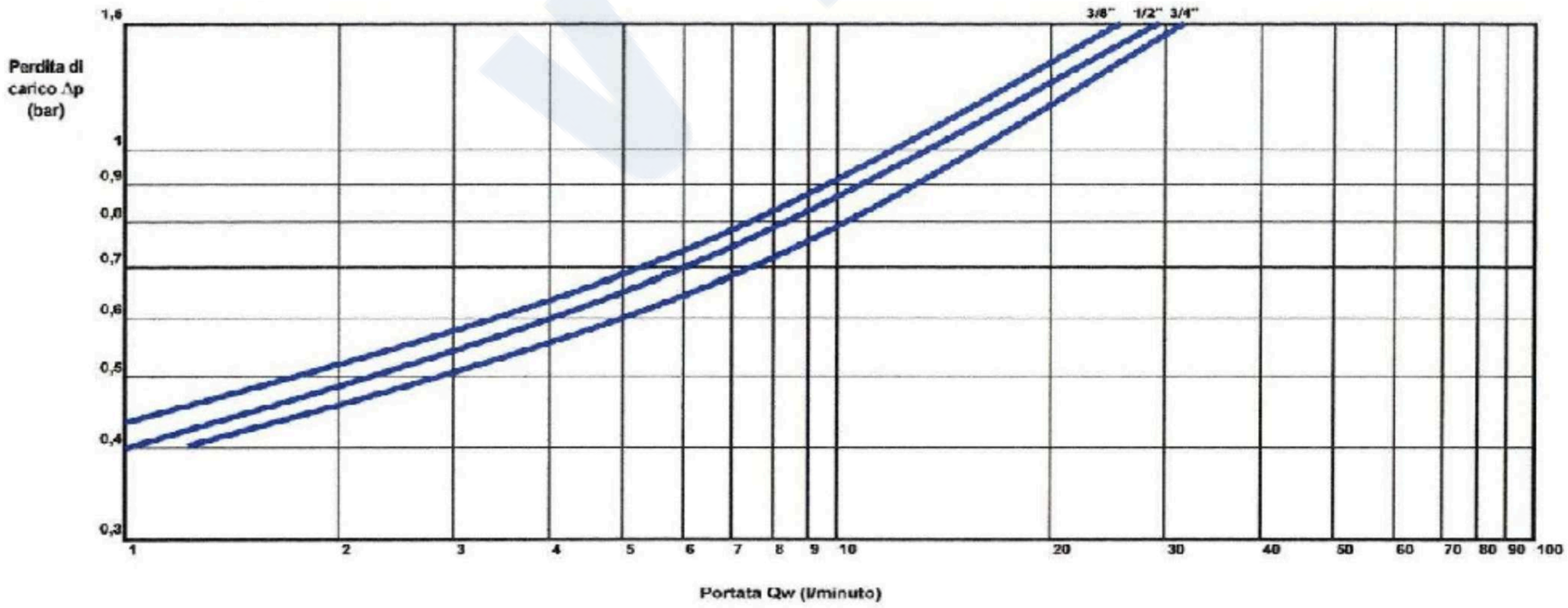
MAIN DIMENSIONS OF THE PRESSURE REDUCING VALVES SKSV-1



Item	DN	H	L
SKS102	1/2"	93	60
SKS102	3/4"	93	60

DISCHARGE AND HEADLOSS DIAGRAM:

DIAGRAMMA DI PORTATA E PERDITA DI CARICO - DISCHARGE AND HEADLOSS DIAGRAM



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Best Hydraulic Discharge of Pressure Reducers SKS102 Series

In order to choose the best pressure reducers for any plant, we suggest to follow the indicators mentioned in the underexposed table with the best running pressure of the valves SKS102.
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	Average Hydraulic Discharge L/min	Average Hydraulic Discharge Cbm/hour
SKS102	1/2"	10 - 14	0.6 - 0.8
SKS102	3/4"	12 - 16	0.7 - 0.9

How To Regulate The Pressure

All SKS pressure reducers are tested before being packaged; during the proof they are pre-set at the outler pressure of 3 bars; the outlet pressure can be easily modified when the valve is installed on the plant.
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. La A right setting should be made while the downstream plant is closed.

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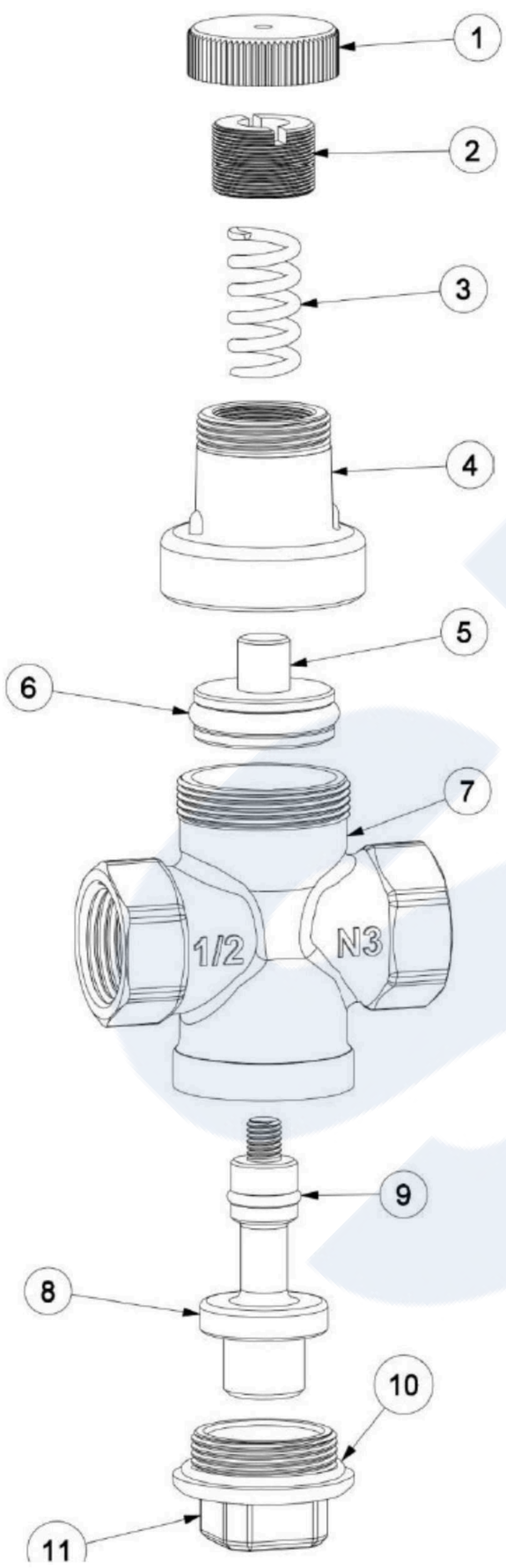

S.No.	PART	MATERIAL	IN CONTACT WITH WATER
1	Closure Cap	Plastic	No
2	Spring Holder	Brass	No
3	Spring	Cadmium Plated Steel	No
4	Bonner	Brass	No
5	Diaphragm	Brass	Yes
6	O-Ring	NBR	Yes
7	Body	Brass	Yes
8	Plug	Brass	Yes
9	O-Ring	NBR	Yes
10	O-Ring	NBR	Yes
11	Bottom Plug	Brass	Yes