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 Naraina, New Delhi - 110028

WATER-HAMMER ARRESTOR FOR WATER SYSTEMS

# SKS 145

Pressure always under control



- Water Hammer Arrestor;
- PN 10;
- Brass Body;
- Acetal Resin Diaphragm;
- Stainless Steel Spring;
- Max Temp. 130° C;
- Protect Pressure Reducing Valve & other Devices;
- Quick & Easy Installation;
- Max Hammer Pressure 40 Bar

## MAIN FEATURES:

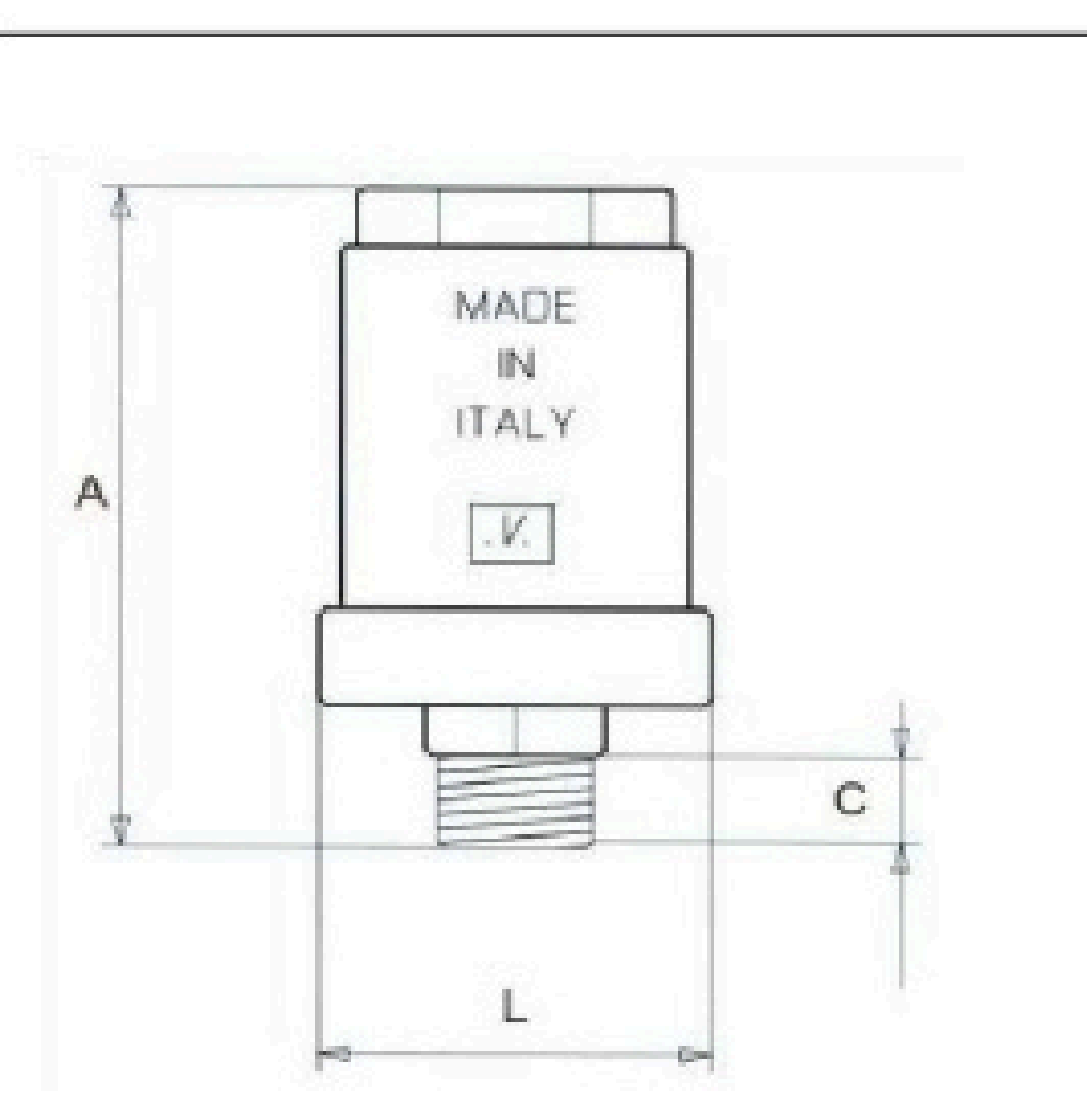
Maximum hammer peak:	<b>40 Bar</b>
Number of features per WHA:	<b>1 – 60</b>
Maximum branch lines length for single WHA	<b>10 mt</b>
PDI Class	<b>C</b>

For installation exceeding limitfor single WHA use a second valve.

## LIST OF MATERIALS:

Body:	Lega ottane CW617N UNI EN 12165
Diaphragm:	Acetal resin
Spring:	Stainless Steel AISI 303
Gasket:	Fasit Italy
Thread:	1/2" gas – ISO 228

## MAIN DIMENSIONS:



ITEM No.	DN	L	H	C	WEIGHT Gr.
SKS 145	1/2"	51	92.8	12	490

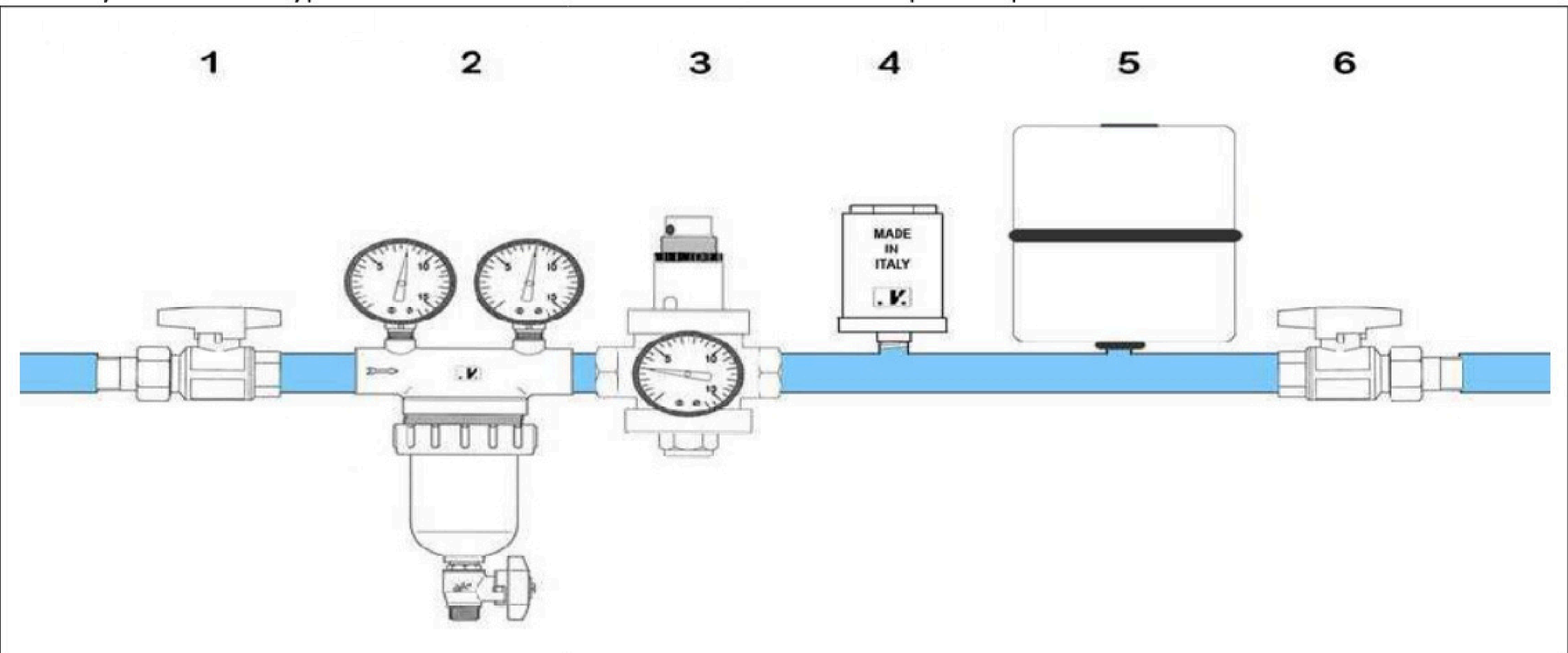


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**OPERATING DIRECTIONS:**

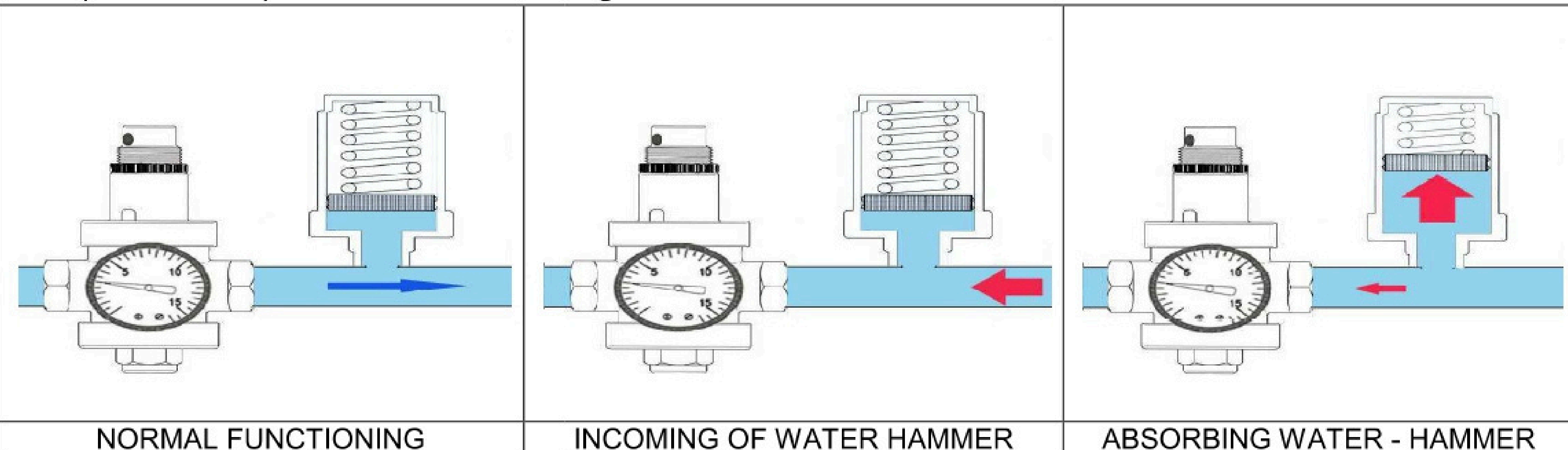
Water hammer is a frequent negative effect which can be created in water systems by sudden closure of mixers, gate valves, electro valves; water hammer can create different problems into the pipeline, from a simple noise till braking up of several devices. The installation our SKS 145 protect from damages and avoid the typical noise. SKS 145 valve should be installed upstream the device which generate water hammer.

Below you can see a typical installation of SKS 145 Valve in order to a protect pressure reducer:



- 1 – BALL VALVES
- 2 – NEPTUN SEF-CLEANING FILTER
- 3 – SKS 102 PRESSURE REDUCER
- 4 – SKS 145 VALVE
- 5 – EXPANSION VESSEL
- 6 – BALL VALVE

In sequence below you can see the functioning of SKS 145 valve in case of Water hammer:



Main effect of water hammer is absorbed by SKS 145 valve; the remaining back pressure which arrives into the pressure reducer (and in any other device) can't cause any damages or noises.