

WATER HAMMER ABSORBER

STOPSHOCK 145



Water hammer absorber

Main body and components made in brass alloy in conformity to UBA

PN 10

Maximum water hammer pressure: 50 bar

Maximum working temperature: 90° C

POM diaphragm

Stainless steel spring

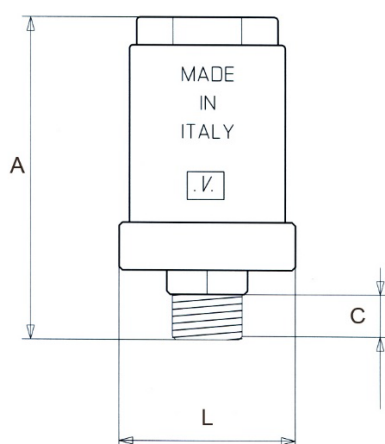
NBR rubber parts

PDI class: C

Threaded FF ISO 228 – also available NPT

Available sizes: 1/2" (DN15) - 3/4" (DN20)

External sand blasted brass or nickel plated

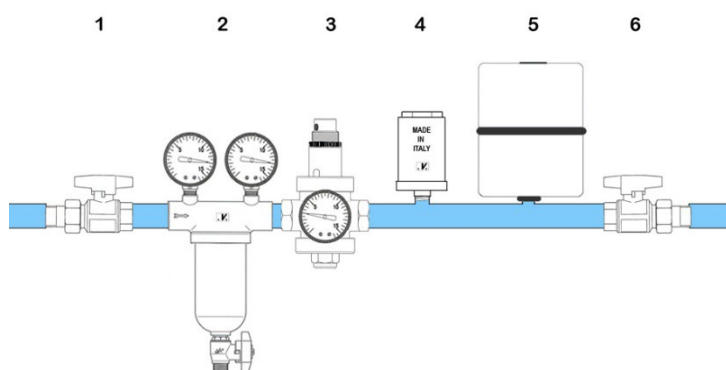


Item N	Size	DN	A mm	L mm	Weight Gr
145.12	1/2"	10	92	52	490

INSTALLATION GUIDELINES

Water hammer is a frequent negative effect, which can be present in water systems due to a sudden closure of mixers, gate valves, electro valves; water hammer can create different problems into the pipeline, from a simple noise until braking up of several devices. The installation of our STOPSHOCK 145 protects from damages and avoids the typical noise. Stopshock valve should be installed upstream the device which generates water hammer.

Below you can see a typical installation of Stopshock valve in order to protect a system with a pressure reducer:



1 – ball valve

2 – Self-cleaning filter

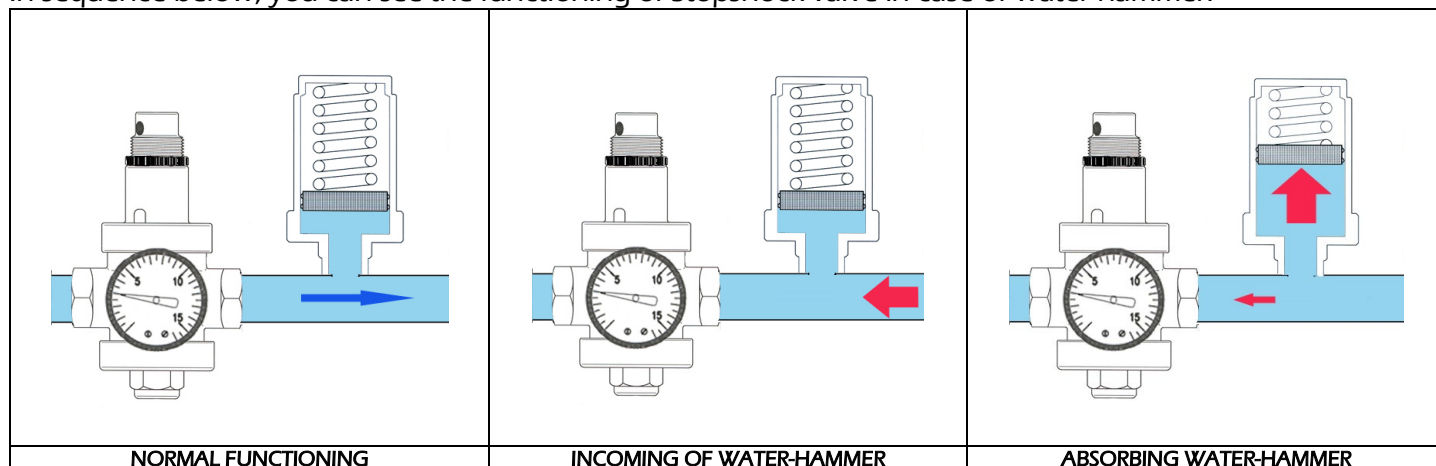
3 – Pressure reducing valve

4 – Water hammer absorber

5 – Expansion tank

6 – ball valve

In sequence below, you can see the functioning of Stopshock valve in case of water hammer:



Main effect of water hammer is absorbed by Stopshock valve; the remaining backpressure which returns into the pressure reducer (and in any other device) cannot cause any damages or noises.

One Stopshock 1/2" is suitable to work in pipelines up to 1 1/4"; in pipelines 1 1/2" and 2", install two Stopshock WHA in the same line (according to PDI-WH 201).

Malgorani Stopshock does not need installation adjustment or servicing during use.

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

? for full datasheet or technical information: contact@malgorani.it