

Functionality

Check valve MIRAYA designed to prevent the changes in the medium flow in the utility systems such as hot- and cold-water supply systems, compressed air systems etc.

Application field

Check valve MIRAYA can be used in utility systems such as heating and cooling systems as well as water- and air circulating systems in the buildings.

Technical specifications

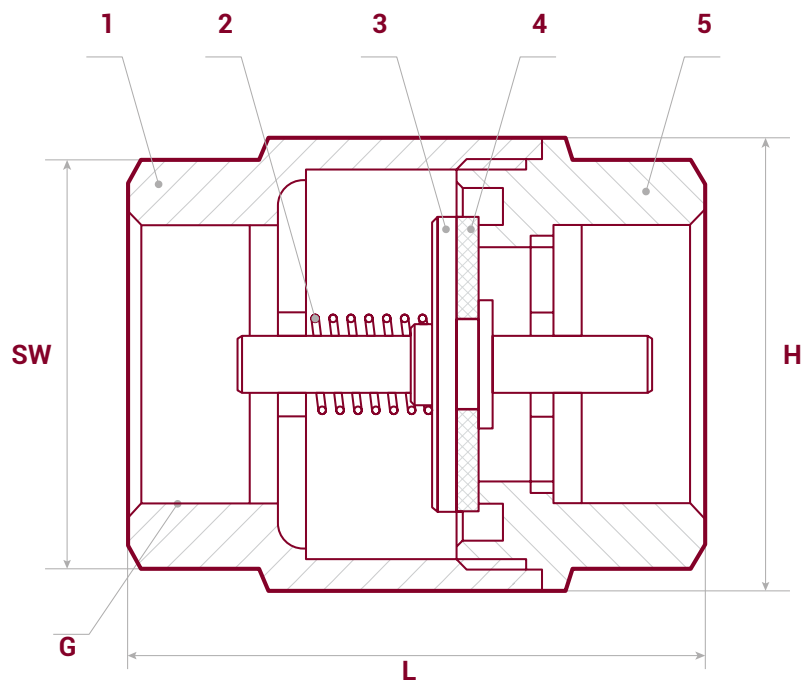
Check valve designed for nonintrusive mediums such as glycol/water mixtures pursuant to VDI 2035.

Minimum operating temperature: -20 °C

Maximum operating temperature: +110 °C (15 bars)

Maximum operating pressure: 25 bars (20 °C)

Connecting thread pursuant to ISO 228 (DIN EN ISO 228 and BS EN ISO 228)

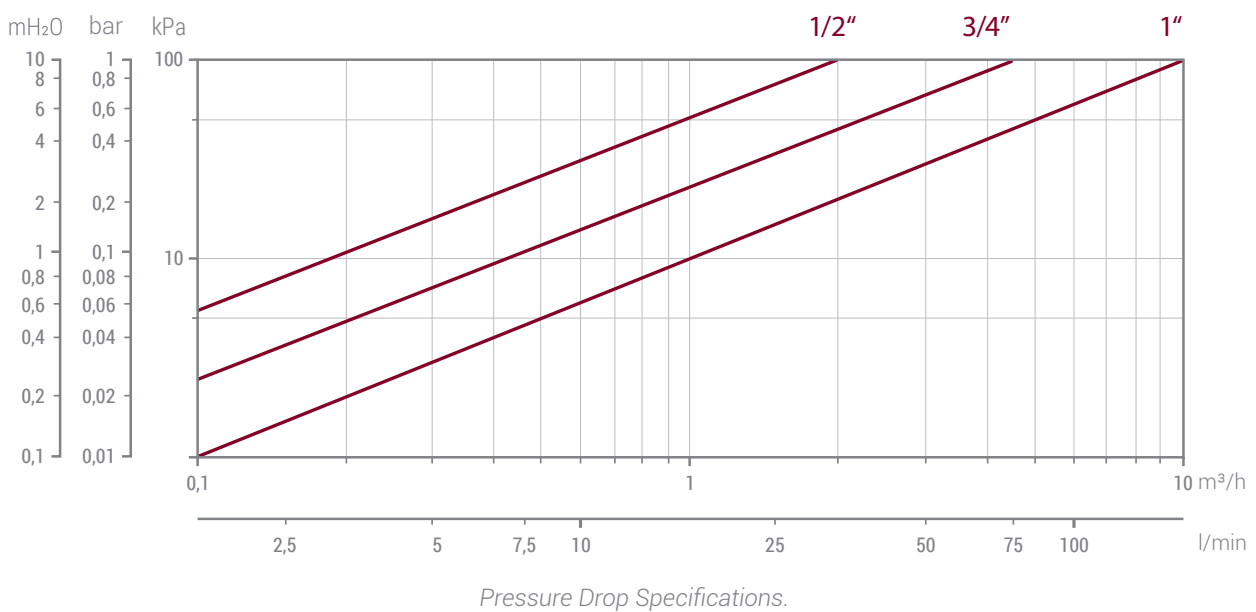


Model	G	DN	PN	L	H	SW	KVs	Weight, g
401101	1/2"	15	25	44	31.5	25	1,96	122
401102	3/4"	20	25	50	39	31	4,61	200
401103	1"	25	25	58	46.5	39	9,85	310

Quality Management System MIRAYA is certified in compliance with DIN-EN-ISO 9001. Legal guarantee for the product is provided pursuant to the clause 5 of the EU directive 1999/44. MIRAYA company reserves the right to make technical changes that do not impair product specifications.

Design

- 1 – Frame is made from the hot-pressed brass CW617N in compliance with EN 12165.
- 2 – Spring is made from stainless steel (AISI 302).
- 3 – Coupling is made from the hot-pressed brass CW617N in compliance with EN 12165.
- 4 – Sealing element (NBR pursuant to EN 3697).
- 5 – Lid is made from the hot-pressed brass CW617N in compliance with EN 12165.



Installation and Operation

Check valve can be installed in horizontal, vertical and inclined position. The arrow on the frame should coincide with the direction of flow. Sealing of threaded joints should be made using standard sealing materials.



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