General Description

Brass Spring Check Valve allows water flow in one direction only.

A spring seal remains open with water flowing in one direction, and automatically closes when flow stops preventing backflow.

These valves are suitable for installation in both horizontal and vertical pipelines.

Maximum Working Pressure

-DN15(½")   PN40

-DN20(¾")   PN32

-DN25(1)-DN32(1¼")   PN25
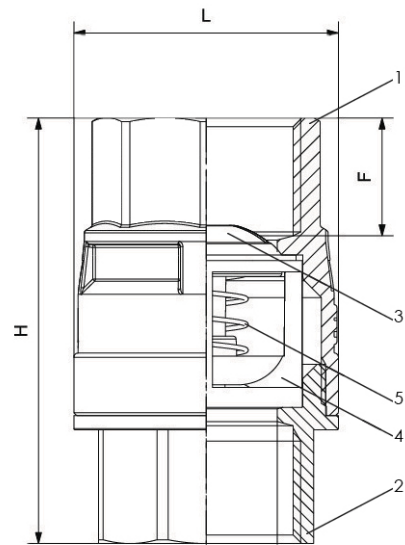
-DN40(1½")-DN50(2")   PN16

Temperature Range

-10˚C to 90˚C

Connections

BSPP Female thread as per BS EN 10226-1

Sizes

Sizes		Dimensions (mm)			Pressure (bar)	Weight (Kg)	Product Code
In.	mm	H	L	F			
½"	DN 15	56	30.5	16.5	40	0.13	RDCVSP015S
¾"	DN 20	61	38.0	17.4	32	0.19	RDCVSP020S
1"	DN 25	78	46.5	20.7	25	0.34	RDCVSP025S
1¼"	DN 32	94	56.5	22.5	25	0.52	RDCVSP032S
1½"	DN 40	94	68.0	22.8	16	0.79	RDCVSP040S
2"	DN 50	110	83.0	27.0	16	1.25	RDCVSP050S

Material Specification

No	Description	Material
1	Body	Brass CW617N
2	Body	Brass CW617N
3	Seal	POM +SEBS
4	Inner Case	POM
5	Spring	Stainless Steel AISI 302

Important Installation Information

- *Brass Spring Check Valve* must only be installed by a competent person in accordance with requirements of the local authority having jurisdiction. Deviations from these standards will invalidate warranty.

- It is the responsibility of the installing contractor to include a copy of this document in the sprinkler system installation, operating and maintenance manual.

- Alterations to Rapidrop products will void any warranty.

- *Brass Spring Check Valve* should be inspected and maintained during routine sprinkler system inspections by a competent person in accordance with national codes/requirements.

- Failure to follow these instructions could cause improper operation, resulting in personal injury and/or property damage.

- For further details and technical support please contact your Rapidrop sales representative.

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Issue A

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