

# FIVC Swing Check Valve

Bronze – PN 20 – Screwed Cap – WRAS – ISO 228-1



FCH series

## Technical data

### Main features and materials

- Body: Bronze
- Cap: Bronze
- Disc: EPDM
- Hinge: Bronze
- Standard: BS 5154
- USP: WRAS approval

### Field of applications

- Temperature range: -10 to 80 °C
- Non-WRAS: -10 to 100 °C
- Max. working pressure: 20 bar

- Potable water systems
- HVAC
- LTHW
- CHW

## Description

FIVC Swing Check Valve is designed as a single-direction device, which eliminates the return of pressurized fluid. Since these valves function via the gravitational force that acts on the tilting disc, there is no universal guideline as to where these should be positioned.

The advantage of these valves is the low incidence of losses of pressure due to the rounded shape of the valve body and the large passage section, which is obtained via the oscillation of the disc; these elements also mean that they are extremely quiet.

The valve can be used for water, oil and steam.

## Alternative Product Versions

### Other Standards

ANSI - ASME B1.20.1 - NPT

ISO 7/1 threads

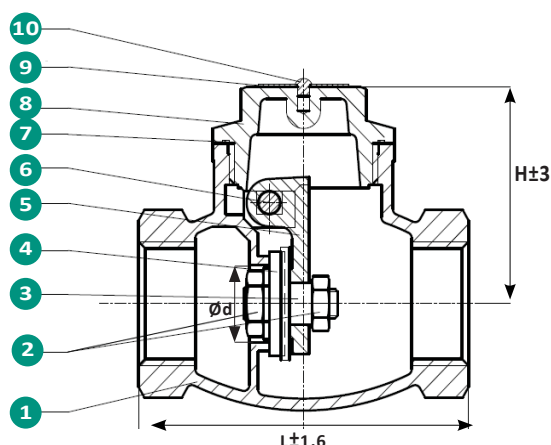
## Declaration

The product has been manufactured and tested in accordance with the Sound Engineering Practice SEP. Acc. to the European PED Directive N° 2014/68/EU, dated 15/05/2014, the product is exempted from CE marking (Cf. Art. 4.3).

This valve is WRAS approved.



## Dimensions



Product code	Size	d	L	H	Kg
FCH015O20CS1121	15	ø13	58	37.0	0.3
FCH020O20CS1121	20	ø19	66	43.0	0.4
FCH025O20CS1121	25	ø25	76	49.0	0.6
FCH032O20CS1121	32	ø32	88	57.5	0.9
FCH040O20CS1121	40	ø39	96	63.0	1.2
FCH050O20CS1121	50	ø50	112	72.0	1.8

Dimensions are in millimeters

## Product Specification

N°	Name	Material
1	Body	Bronze CC491K
2	Hinge nut	Brass CW614N
3	Disc holder	DZR Brass CW602N DN 15-25
3	Disc holder	Bronze CC491K DN 32-50
4	Disc	EPDM
5	Hinge	Bronze CC491K
6	Hinge pin	Stainless Steel SS 304
7	Packing	PTFE
8	Cap	Bronze CC491K
9	ID plate	Aluminium
10	Drive screw	TP2