

# WF Compact

Check valve

Technical datasheet



## Description

The non-return valve WF Compact is certified to the NF antipollution norms. This non-return valve is designed for the protection of drinking water network against polluted backflow which has no recognized toxic or microbiological risks to human health.

- Minimal head losses, silence and robustness
- Does not generate hammering
- Double axial guiding valve with return spring
- Excellent high- and low-pressure sealing provided by a specially designed lip seal
- Drilled bosses 1/8" brass plug



## WF Compact

Check-valve

DN		PFA in bar	Ref.	Weight Kg
C Gauge / Counter	RACC			
15	3/4"	10	<b>2224181*</b>	0,135
15	3/4"	10	<b>2224182**</b>	0,135

\* brass plug version

\*\* with captive drains

### Important :

The temperature and pressure indications given for the different fluid categories (L1/L2/G1/G2) do not constitute a guarantee of use. It is therefore essential to validate the use of the products according to the operating conditions with our recommendations department.

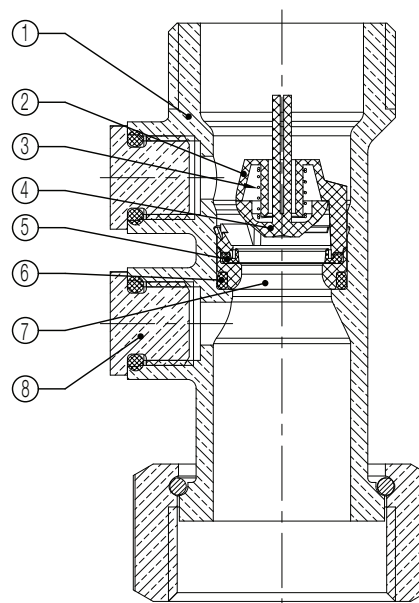
In addition, instruction manuals are available on our website [www.socla.com](http://www.socla.com) or on request from our sales department.

### Technical features

Operating temperature	Mini: -10 °C / Continuous: 65 °C / Short-term (1h/day): 90 °C
Permissible operating temperature (PFA) in water	See table above
Maximum permissible (PS) other mediums	See table above
Connection	Female swivel nut/Male cylindrical gas thread (BSP)
Mediums	Drinking water, other fluids consult us

### Nomenclature and materials

N°	Designation	Materials
1	Body	Brass
2	Guide	Natural Hostaform
3	Spring	Stainless steel
4	Closing system	Natural Hostaform
5	Seal	EPDM
6	O'ring	EPDM
7	Seat	Hostaform C
8	Plug + seal	PPA or brass + EPDM



## Approvals

ACS



### International Construction Standards :

NF Antipollution mark

NF EN 13959

ISO 228

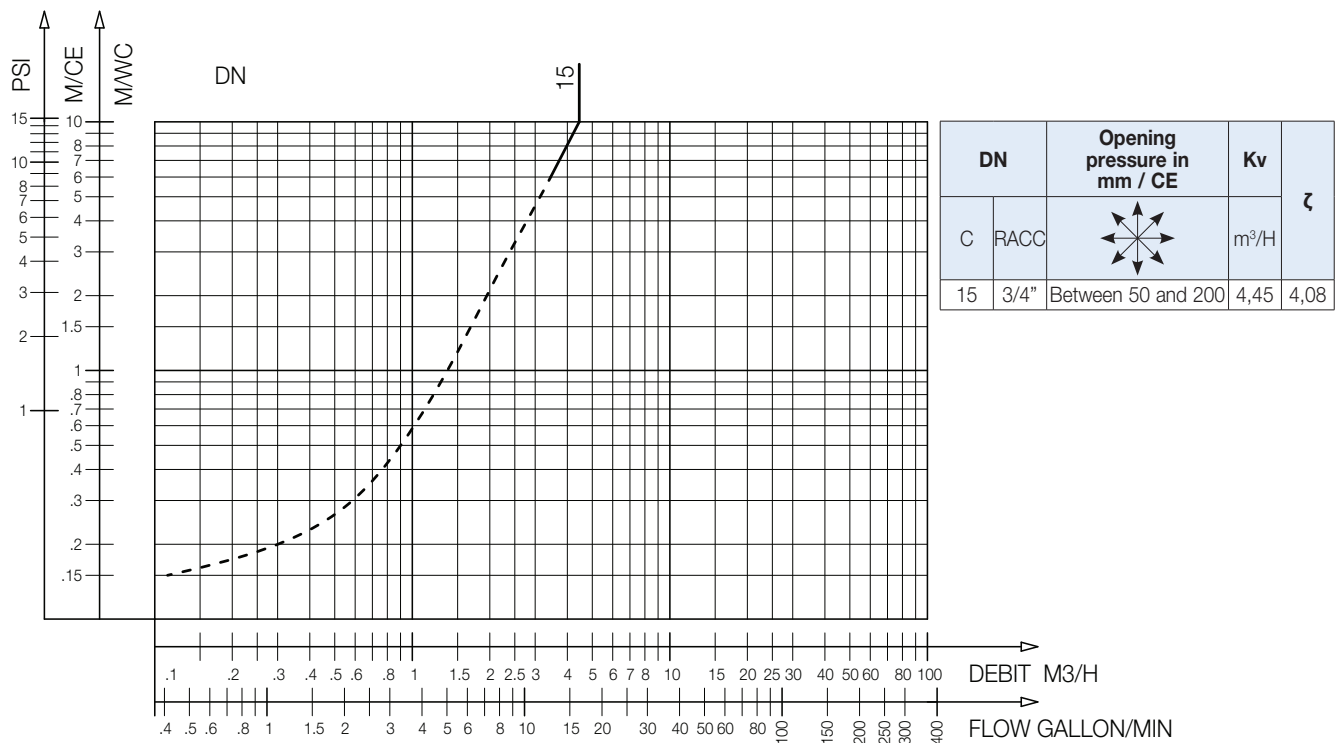
## Application

Building, water distribution, protection of drinking water.

## Operation

### Direction for use :

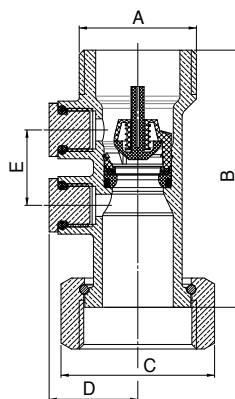
- Solid line: Valve completely open
- Dotted line: Opening stage of valve



WF Compact - Headloss chart

## Sizing

DN	Connection A	B	C	D	E	
C	RACC	mm	mm	mm	mm	
15	3/4"	20/27	58	30	20	17



WF Compact

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