

508F

Non-return ball valve

B System

Technical Data Sheet



Description

The non-return ball valve 508F consists of a self-cleaning ball lifted by the fluid and guided to a lateral seat, completely out of the way. This system provides a full-flow, even with loaded fluids, without any risk of blockage.

- Vertical and horizontal operation (position of the ball below the axis of the pipe).
- Minimum head loss
- Silent, robust
- Non incrustating materials
- Closing system : floating ball
- Sealing ensured by elastomer seal fixed on the seat



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DN		PFA in bar	Ref.	Weight Kg
"	mm			
1	25	10	149B3212	1,30
1 1/4	32	10	149B3213	1,90
1 1/2	40	10	149B3214	2,45
2	50	10	149B3215	3,50
2 1/2	65	10	149B3216	5,90

Important notice :

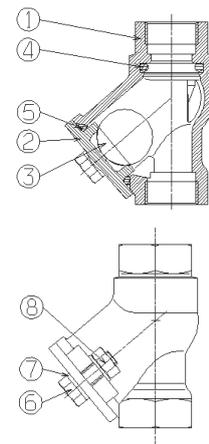
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions. The operating instructions are available on our website www.socla.com or by requesting from our sales department.

Technical features

Operating temperature	-10 °C to 80 °C
Permissible operating pressure (PFA) in water	See table above
Connection	Female / female, G cylindrical gas or conical NPT
Mediums	Wasted water

Nomenclature and materials

N°	Description	Materials	EURO	ANSI
1	Body	Cast iron / Epoxy ext	EN1561 EN-GJL-250	ASTM A 48 35 B
2	Cover	Cast iron / Epoxy	EN1563 EN-GJS-400-15	ASTM A 536 66-45-12
3	Ball	Epoxy		
4	Seal	NBR (nitrile)		
5	Seal	NBR (nitrile)		
6	Screw	Stainless steel A2	EN 100 88- 3 X5Cr-Ni18-10	AISI 304 NF EN 150 3506
7	Washer	Stainless steel A2	EN 100 88- 3 X5Cr-Ni18-10	AISI 304 NF EN 150 3506
8	Nut	Stainless steel A2	EN 100 88- 3 X5Cr-Ni18-10	AISI 304 NF EN 150 3506



Approvals



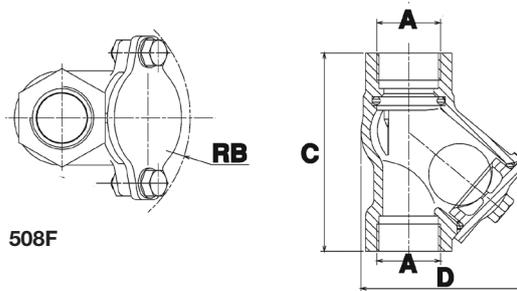
International construction Standards :
Thread connection according to NF EN ISO 228-1

Application

Used as a suction cup or to prevent wasted water backflow.

Sizing

A		RB	C	D
"	mm	mm	mm	mm
1	26/34	76	114	95
1 1/4	33/42	85	132	110,5
1 1/2	40/49	93	145	121
2	50/60	107	173,5	144
2 1/2	66/76	127	200	174,5



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The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.
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A WATTS Brand

Socla sas
365 rue du Lieutenant Putier • 71530 Virey-Le-Grand • France
Tel. +33 03 85 97 42 00 • Fax +33 03 85 97 42 42
contact@wattswater.com • www.socla.com
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