

Technical data sheet

Type 251S

EA antipollution non-return valve

Applications and special features



- Operates in any position
- Minimum head loss
- Silent and robust
- Does not generate hammering
- Closing system : double axial guiding with return spring
- Excellent sealing at high as well as at low pressure ensured by a specially designed lip ring-seal.
- Drilled bosses 1/8" with brass plug

Technical description

C	DN	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
	mm		L1	L2	G1	G2			
15	1/2	10	10	10	10	10	3.3	1498 3511	

C : water meter

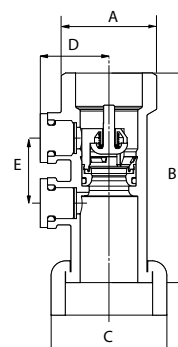
Important notice :

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.

- **Connection** : Female/Male BSP thread, with union nut
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **Maximum permissible pressure PS - other mediums** : See tableau
- **θ** : Maxi. 80 °C
- **Mediums** : Clear liquids
- **Approvals** : ACS
- **International construction Standards** : NF Antipollution according to NF EN 13959
Thread connection according to NF E 03-005 ISO 228
NF EN1717

Overall dimensions

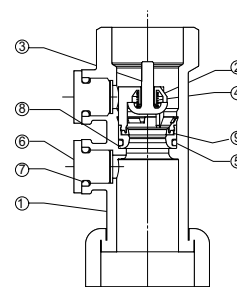
DN	Connection	A	B	C	D	E	Weight
"	"	mm	mm	mm	mm	mm	kg
1/2	3/4	40	58	32	23,5	19	0,20



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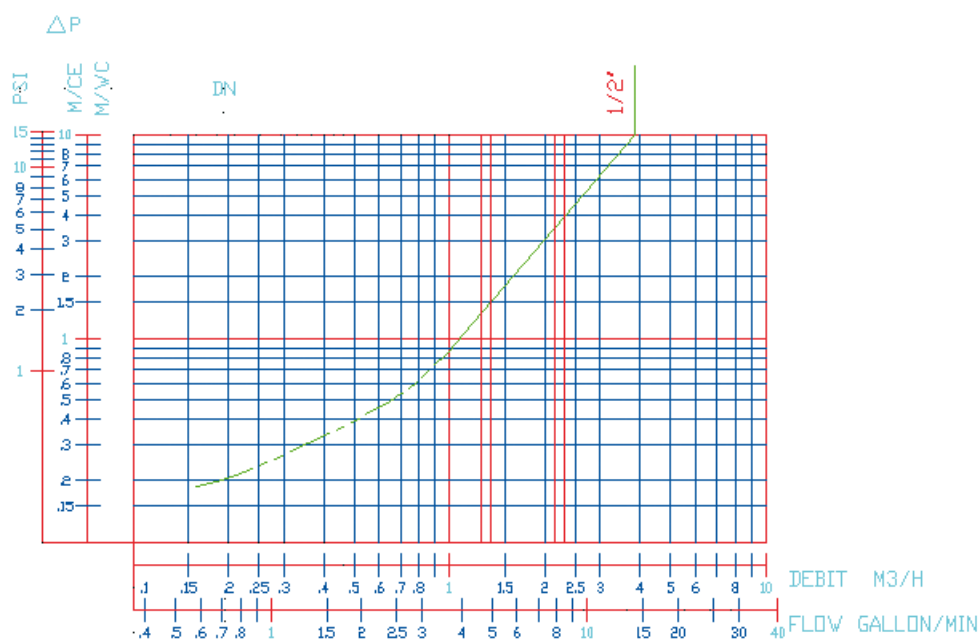
Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Brass	CuZn40Pb2	
2	GUIDE	POM (polyacetal)		
3	CLOSING SYSTEM	POM (polyacetal)		
4	SPRING	Stainless steel	X10CrNi18-8	AISI 302
5	SEAL	EPDM		
6	PLUG	Brass	CuZn39Pb3	
7	SEAL	EPDM		
8	SEAT	POM (polyacetal)		
9	SEAL	EPDM		



Working principle

DN		Opening pressure (in mm WC)	Kv	ζ
C	"		m ³ /H	
15	1/2	between 50 and 200	3,9	5,4



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