

Technical data sheet

Type 208P

Non return valve

System B

Applications and special features



- Vertical ascending and horizontal position (position the ball housing above the axis of the pipe)
- Minimum head loss
- Silent, robust
- Non incrustating materials
- Closing system : ball lifted up by the liquid and guided to a lateral housing completely out of the way
- Sealing ensured by elastomer coating on the ball.

Technical description

DN	"	PN	PFA in bar	PS in bar				Cat.	References	Vvs-nr
				L1	L2	G1	G2			
1	25	6	6	6	6	6	6	3.3	149B 5221	
1 ^{1/4}	32	6	6	6	6	x	6	3.3	149B 5222	
1 ^{1/2}	40	6	6	6	6	x	6	3.3	149B 3448	
2	50	6	6	6	6	x	6	3.3	149B 5224	
2 ^{1/2}	65	6	6	6	6	x	6	3.3	149B 5225	
3	80	6	6	6	6	x	6	3.3	149B 3456	

Important notice :

The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use.

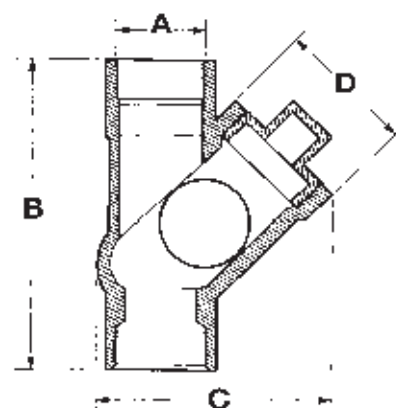
Therefore, it is essential to validate the use of products under given operating conditions.

The operating instructions are available on our web site www.danfoss-socla.com or by requesting from our sales department.

- **Connection** : Female/female, (BSP)
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **Maximum permissible pressure PS - other mediums :** See table
- **T° :** Mini. -10 °C
Maxi. 60 °C
- **Mediums** : Thick liquids, viscous liquids, loaded liquids
- **Approvals** : VERITAS (France)
 PED 97/23/CE
CPD 89/106/CEE Conformity (Europe)
- **International construction Standards :**
CE Conformity Directive 97/23/CE
CE Conformity Directive 89/106/CEE EN12050-4 Standard
Thread connection according to NF E 03-005 ISO228

Overall dimensions

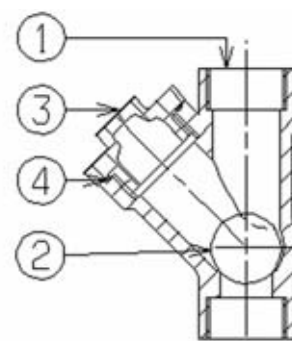
"	A		B	C	D	Weight
	mm	mm	mm	mm	mm	kg
1	26/34	207	114	114	65,5	0,5
1 ^{1/4}	33/42	143	114	114	65,5	0,4
1 ^{1/2}	40/49	154	135	135	80	1
2	50/60	179	160	160	88,5	0,8
2 ^{1/2}	66/76	189	198	198	110	1,6
3	80/90	276	225	225	133	2,8



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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	PVC		
2	BALL DN 1"-1 1/4 Other DN	Cast iron/NBR Aluminium/NBR		
3	CAP	PVC		
4	SEAL	NBR (nitrile)		

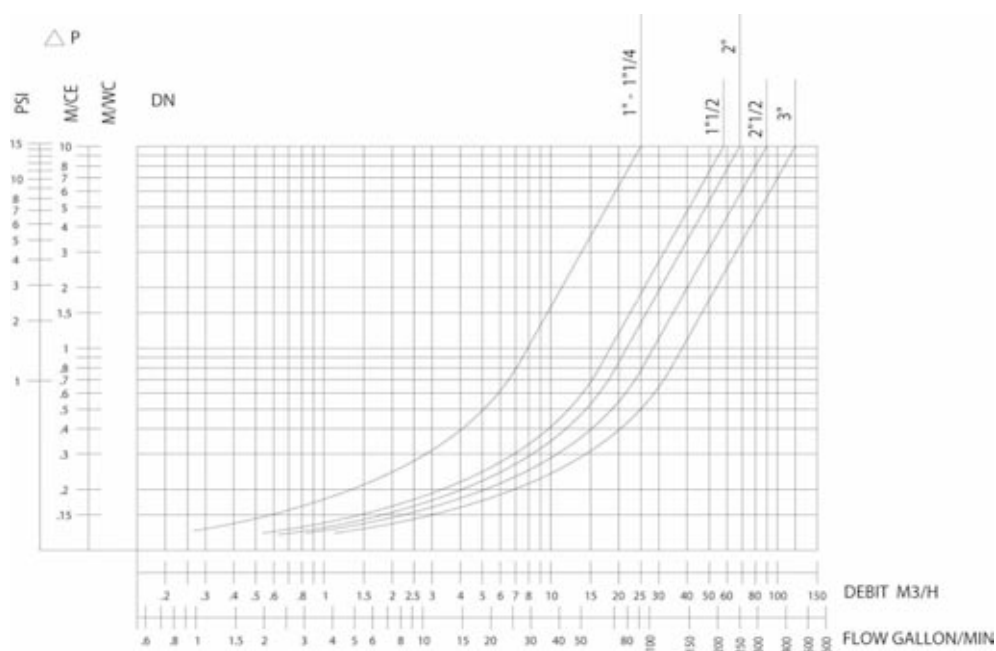


Working principle

DN		Opening pressure in mm/WC 	Kv m ³ /H	ζ
"	mm			
1	25	near 0	22,30	3,30
1 1/4	32		22,30	3,30
1 1/2	40		57,80	1,20
2	50		68,30	2,10
2 1/2	65		89,60	3,60
3	80		118	4,67

Directions for use :

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



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