

Technical data sheet

Type 462

Non return valve

System 02

Applications and special features



- Operates in any position
- Silent, reliable sealing, compact
- Exceptional robustness
- Notch provided for cable to submerged pumps up to DN 100
- Closing system : long back axial guiding
- Sealing guaranteed by O-ring.
- Return spring
- Body with integrated one-arm guide

Technical description

Important notice:

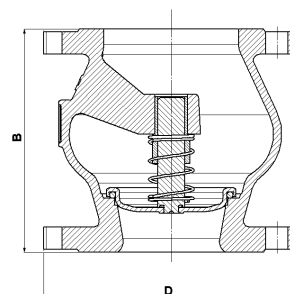
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

DN	PN		PFA bar	PS - bar				Cat	Ref.	Vvs-nr
	"	mm		L1	L2	G1	G2			
2	50	10/16	16	16	16	16	16	I	149B3751	
2 1/2	65	10/16	16	16	16	15	16	I	149B3752	
3	80	10/16	16	16	16	12	16	I	149B3753	
4	100	10/16	16	16	16	10	16	I	149B3754	
5	125	10/16	16	16	16	0,5	16	I	149B3755	
6	150	10/16	16	13	16	0,5	16	I	149B3756	
8	200	10	10	10	10	0,5	10	I	149B3757	

- Connection : flanges drilled PN : see table
- Permissible operating pressure PFA - water- (for supply, distribution and disposal of water) : See table
- Maximum Permissible pressure PS - other mediums: See table
- θ : Mini. -10 °C
Maxi. 100 °C
- Mediums : Clear liquids
- Approvals : ACS - PED 97/23/CE
- International construction Standards :
CE Conformity Directive 97/23/CE
Flange drilling according to EN1092-2
- Face-to-face dimensions according to EN558-1 14 series

Overall dimensions

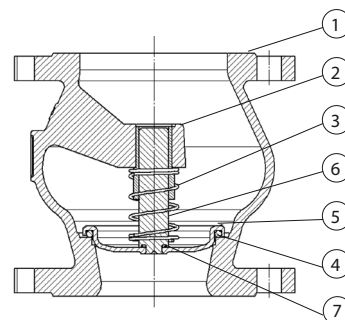
DN		B	D	Weight
"	mm	mm	mm	kg
2	50	150	165	6,7
2 1/2	65	170	185	9,3
3	80	180	200	10,9
4	100	190	220	14,3
5	125	200	250	20,9
6	150	210	285	27,7
8	200	230	340	40,7



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Spare parts list and materials

N°	Description	Materials	EURO	ANSI
1	CASING	Cast iron + epoxy	EN-GJL-250	ASTM A 48 35 B
2	RING	Bronze	CuSn5Zn5Pb2-C	
3	SPRING	Stainless steel	X10CrNi18-8	AISI 302
4	SEAL	EPDM		
5	CLOSING SYSTEM	Brass	CuZn39Pb2	
6	STEM	Bronze	CuSn5Zn5Pb2-C	
7	SEAL	EPDM		



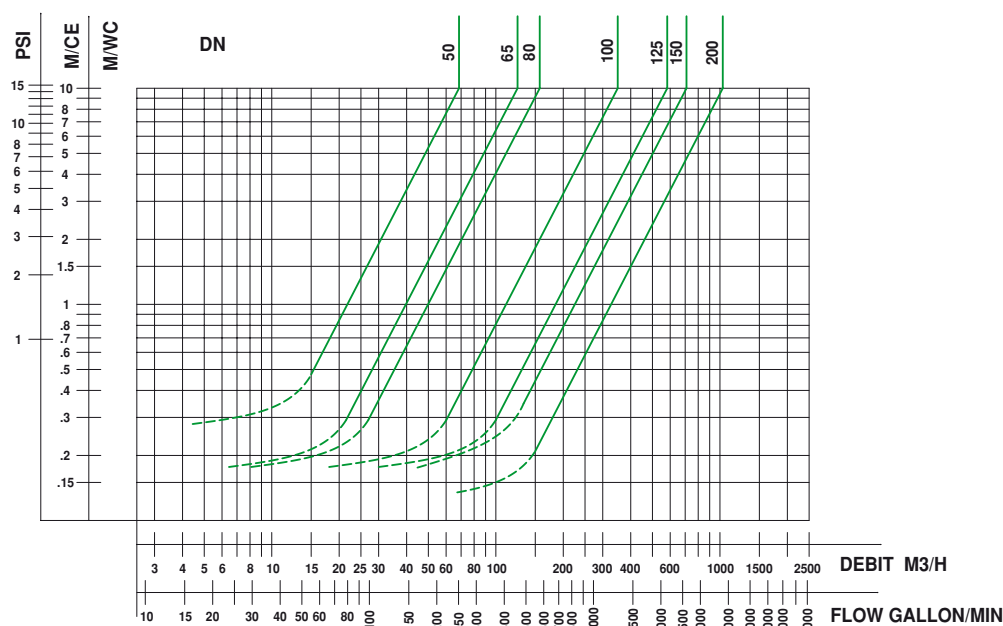
Working principle

DN	Opening pressure (mm W/C)	Kv	ζ
mm	between 50 and 200	m³/H	
50		69	2,1
65		125	1,8
80		157	2,65
100		350	1,3
125		582	1,15
150		710	1,6
200		1 031	2,4

Direction for use :

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

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