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Rev. : L

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STAINLESS STEEL WAFER TYPE SWING STAINLESS STEEL CHECK VALVE

CB 6441

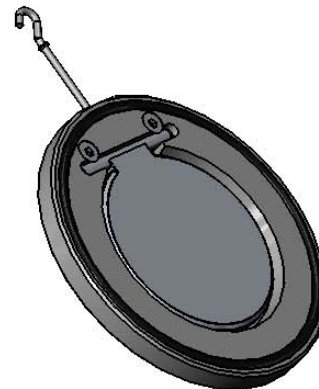


APPLICATION

General uses: distribution and treatment of waters (filtration, equipment of swimming pool) air conditioning, hydrocarbon, irrigation, etc.

GENERAL CHARACTERISTICS

Design in accordance with standard NF EN 14341.
From DN 40 to DN 400.
Mounting and working position in horizontal and vertical ascending fluid.
Short length.
Easy mounting.
Low weight.
Seat inside body.
Low head loss.
Seat : rubber/metal or metal/metal (On request).
Option : O ring for face flanges.



CONSTRUCTION

5	2	Screw	A2 Class C70	
4	1	O-Ring	FPM (Type viton®)	
3	1	Disc	Stainless steel X5CrNiMo 17-12-2	DIN: X5CrNiMo18 10 ASTM: A 182 AISI 316 BS: 970 316 S16
2	2	O-Ring	FPM (Type viton®)	
1	1	Body	Stainless steel X5CrNiMo 17-12-2	DIN: X5CrNiMo18 10 ASTM: A 182 AISI 316 BS: 970 316 S16
Pos.	Qty.	Description	Material	

DIMENSIONS

DN	L	Ø A	Ø D	Weight (kg)
040 - 1" 1/2	16	22	94	0,7
050 - 2"	16	32	109	1,0
065 - 2" 1/2	16	43	129	1,3
080 - 3"	16	56	144	1,7
100 - 4"	16	73	164	2,1
125 - 5"	16	95	195	3,2
150 - 6"	19	116	221	4,9
200 - 8"	22	156	276	11,5
250 - 10"	32	200	330	15,5
300 - 12"	38	235	380	26,0
350 - 14"	38	280	444	38
400 - 16"	44	316	491	56

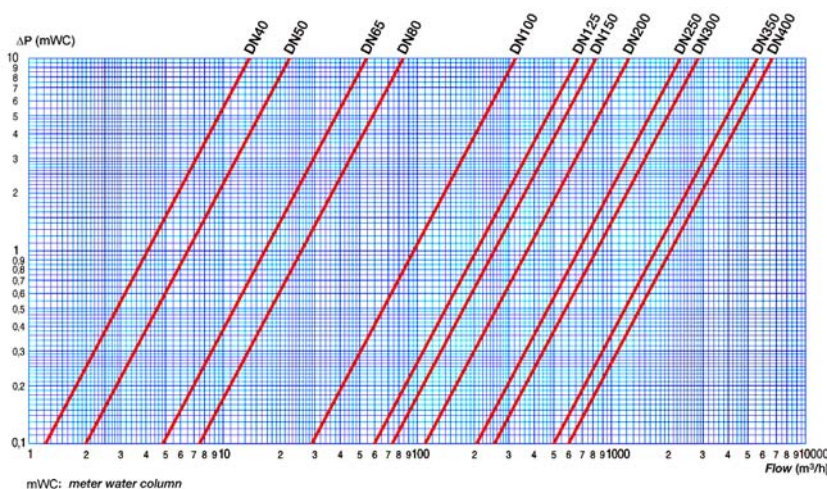
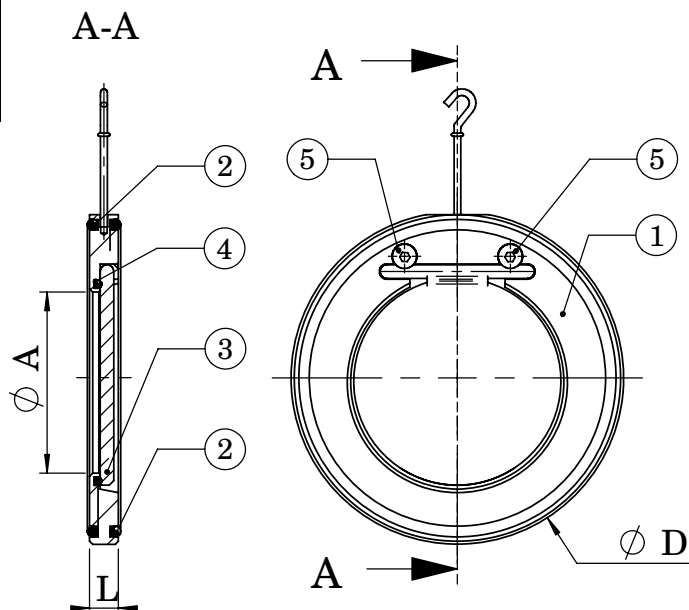
WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : + 170°C.

Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :
Body : 27 bar.
Seat : 17,6 bar.

STANDARDS

Manufacture according to the requirements of the European directive 97/23/CE «Equipment under pressure»: category III modulate H.
Face to face according to standard E 29-377 tab 2 serie FR, except DN 200 : serie FR variant ISO PN 16.
Mounting between flanges PN 16.



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WAFER TYPE SWING CHECK VALVE

CB6441

AVS

Technical passport

Wafer type swing check valve

Body material	Stainless Steel
Obturator material	Stainless stell 316
Construction PN	16
Tightness type	FPM (Type VITON)
Ends	Between flanges PN 16
Working Pressure	16 bar
Max. Temp	+170°C



Encombrement

L	H	Weight	ND	Référence
16	94	0.7	40	
16	109	1.0	50	
16	129	1.3	65	
16	144	1.7	80	
16	164	2.1	100	
16	195	3.2	125	
19	221	4.9	150	
22	276	11.5	200	
32	330	15.5	250	
38	380	26.0	300	
38	440	38.0	350	
48	491	56.0	400	
48	541	66.0	450	
58	596	107.0	500	
68	698	158.0	600	
76	813	235.0	700	
89	920	364.0	800	
95	1010	492.0	900	
118	1127	682.0	1000	
			ND	"

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