

SWING CHECK VALVE WITH COUNTERWEIGHT

CB 3242

Ref. : CB3242 pas

Rev. : E

Date : 29/05/2013



PA Ventil AB

GO WITH OUR FLOW

APPLICATION

General uses: clean water, lightly charged, pumping, water piping, irrigation, gas, non corrosive fluid.

GENERAL CHARACTERISTICS

From DN 40 to 300,
Mounting in horizontal and vertical ascending position.
Simplicity in construction.
Total lift swing at opening.
Reliable and efficient functioning.
Strong construction materials.
Noiseless construction.

CONSTRUCTION

6	1	Counterweight	Steel	
5	1	Gasket	Graphit	
4	1	Tightness	Stainless steel- Stainless steel	
3	1	Obturator	Cast steel	DIN: GS-C25 ASTM: A216 Grade WCA BS: 161 Grade B
2	1	Cover	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
1	1	Body	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
Pos.	Qty.	Description	Material	

DIMENSIONS

DN		L	H	ØD	ØK	ØM	n	A	B	W	Weight (kg)
mm	inch										
40	1 1/2"	180	119	150	110	18	4	280	70	170	13
50	2"	200	120	165	125	18	4	280	72	180	13,5
65	2 1/2"	240	141	185	145	18	4	280	79	190	18
80	3"	260	168	200	160	18	8	280	91	200	20,5
100	4"	300	175	220	180	18	8	350	97	210	36
125	5"	350	199	250	210	18	8	350	116	225	51
150	6"	400	217	285	240	22	8	450	124	250	67
200	8"	500	277	340	295	22	8	500	162	306	129
250	10"	600	337	405	355	22	12	660	190	348	198
300	12"	700	374	460	410	22	12	660	190	348	285

WORKING CONDITIONS

Maximum working pressure :

- 16 bar (100°C)
- 14 bar (150°C)
- 12,5 bar (200°C)
- 9.6 bar (300°C)

Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208.

STANDARDS

Face to face according to standards :
EN 558-1 serie 48 and DIN 3202/1 serie F6.
Flanges drilled according to EN 1092-2 and
DIN 2501/1: ISO PN10/16. ASA 150 on request.

