

TILTING TYPE CHECK VALVE WITH COUNTER WEIGHT AND HYDRAULIC DAMPER PN 16 CP 4241

Ref. : CP4241.pas

Rev. : E

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PA Ventil AB

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APPLICATION

General uses: drinkable water, dirty fluids, industry.

GENERAL CHARACTERISTICS

Range : from DN 150 to DN 1000.
Low head losses.
Maintenance free.
Complete sealing (double eccentric arrangement of disc).
Mounting horizontally or vertically.
Bearings self lubricated.
With or without counterweight.

CONSTRUCTION

7	1	Lever	S235JR
6	1	Hydraulic damper	
5	1	Gasket	EPDM
4	2	Bushing	Bronze
3	2	Shaft	Stainless steel X20 Cr13
2	1	Disc	Ductile iron GGG50
1	1	Body	Ductile iron GGG50
Pos.	Qty.	Description	Material

DIMENSIONS

DN	ØD	ØK	n x Ød	C	L	e1	e2	h1	h2	Weight (kg)
150	285	240	8 x Ø23	19	210	143	265	276	316	45
200	340	295	12 x Ø23	20	230	208	357	297	364	85
250	405	355	12 x Ø28	22	250	239	373	288	373	110
300	460	410	12 x Ø28	25	270	259	414	294	367	140
350	520	470	16 x Ø28	27	290	289	468	325	435	195
400	580	525	16 x Ø31	28	310	320	510	339	421	255
450	640	585	20 x Ø31	30	330	355	550	335	425	275
500	715	650	20 x Ø34	32	350	380	595	476	492	335
600	840	770	20 x Ø37	36	390	430	631	515	610	495
700	910	840	24 x Ø37	40	430	495	750	603	755	800
800	1025	950	24 x Ø41	43	470	561	812	644	872	1030
900	1125	1050	28 x Ø41	47	510	660	933	707	1010	1385
1000	1255	1170	28 x Ø44	50	550	684	1045	705	1198	2175

WORKING CONDITIONS

Maximum working pressure : 16bar.
Maximum temperature : + 80°C.

AGREEMENT AND TESTING

Test procedures are established according to BS 6755.
Face to face according to NF EN558-1 serie 14, DIN 3202/1 serie F4.
Flanges drilled according to EN 1092-2, ISO 2531 and DIN 2501 : ISO PN16.

