swing check valve
series C-ANSI600

design	wafer swing check valve with elastic sealing, o-rings are included as standard as flange-seal
connection	installation between flanges acc. to ANSI600
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials.
medium temperature	zinc plated steel: -10 ...+250°C stainless steel AISI 316: -50 ...+450°C depending of used sealing
operating pressure range	see pressure-temperature-diagram
flow direction	type CM any, type CS from the bottom up or horizontal
mounting position	horizontal or vertical
approval	ATEX-declaration areas 1/2/21/22

order code

		C M	- 2466	V	- 32	- ANSI600
type	reset by spring	M				
	reset by its own weight	S				
materials	disc and body made of zinc plated steel		2424			
	body made of zinc plated steel, disc stainless steel AISI 316		2466			
	disc and body made of stainless steel		6666			
seal	NBR			B		
	EPDM			E		
	metallic			M		
	FKM			V		
	PTFE			T		
nominal diameter					32...300	
ANSI flange						ANSI600

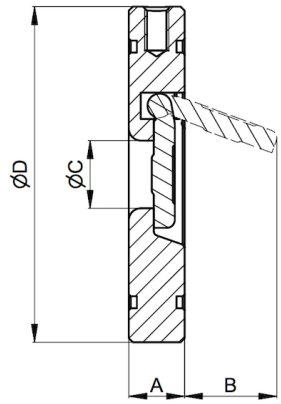
opening pressure in [mbar]:

nominal diameter DN[mm]	flow direction CS		flow direction CM		
	⇨	⇧	⇨	⇧	⇩
DN40 - DN150	13	16	23	26	10
DN200 - DN300	19	22	32	35	10

application of the individual seal materials:

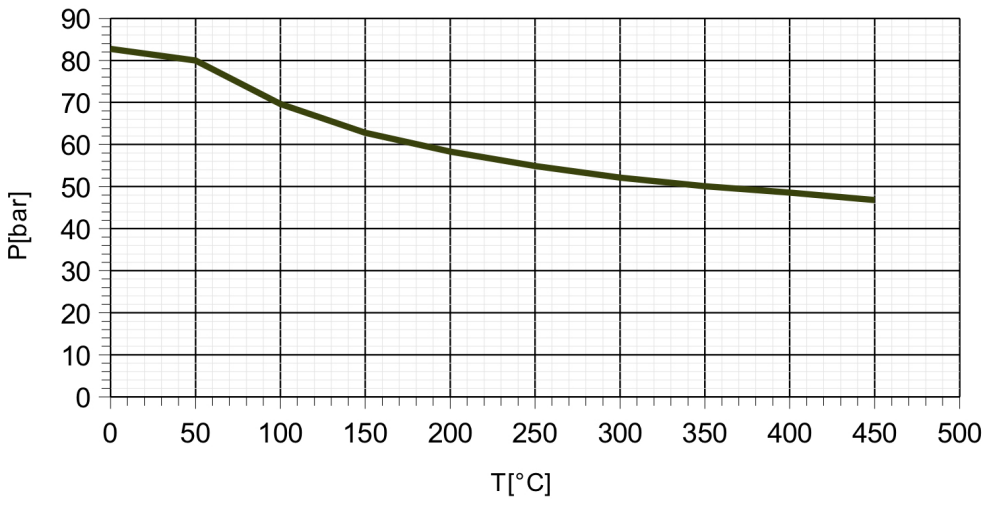
seal	temperature range [°C]	application
NBR	-20...+120	neutral gases and liquids
EPDM	-30...+130	hot water, steam, oxygen
FKM	-50...+260	petrol, diesel, air, oils, water, neutral gases and liquids
PTFE	-50...+260	aggressive media, steam

dimensions

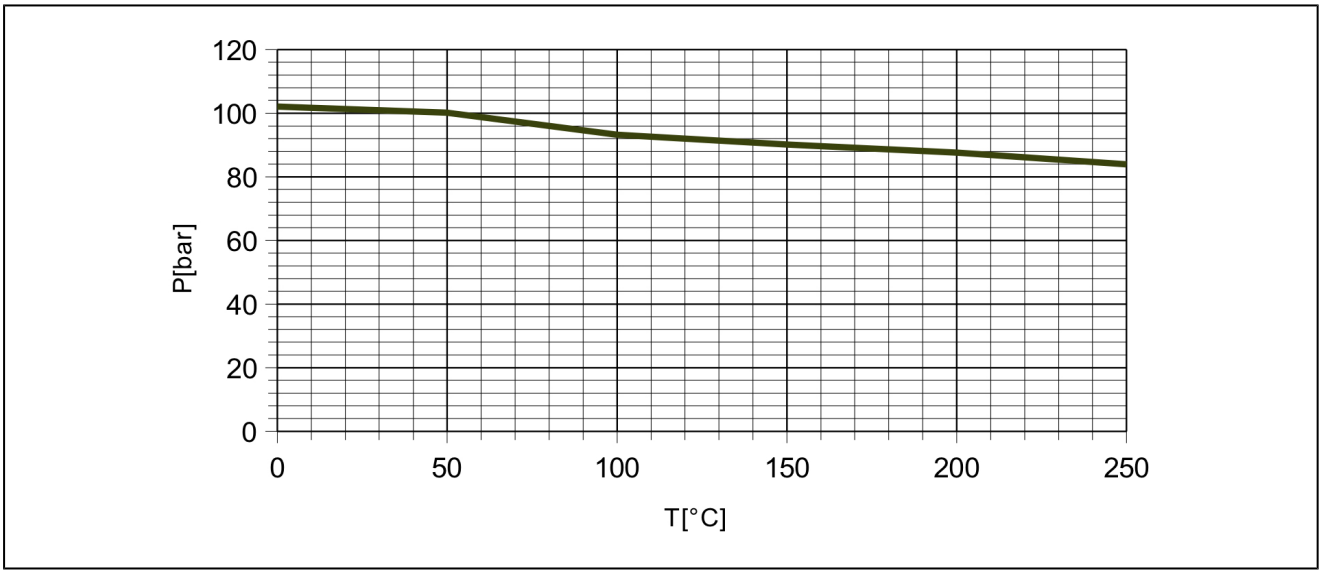


nominal diameter DN[mm]	A	B	ØC	ØD	kvs-value [m^3/h]	weight [approx. kg]	type
32	22	20	17	80	7,5		C.-.....-32-ANSI600
40	22	30	22	96	17,2		C.-.....-40-ANSI600
50	22	35	32	110	25,4		C.-.....-50-ANSI600
65	22	48	40	127	42,2		C.-.....-65-ANSI600
80	22	60	54	146	67,0		C.-.....-80-ANSI600
100	24	78	70	193	246,5		C.-.....-100-ANSI600
125	28	98	92	238	547,4		C.-.....-125-ANSI600
150	30	117	112	264	724,0	5,6	C.-.....-150-ANSI600
200	39	160	154	318	1039,0		C.-.....-200-ANSI600
250	58	200	200	398	1896,0		C.-.....-250-ANSI600
300	63	240	240	455	2207,0		C.-.....-300-ANSI600

pressure-temperature-diagram stainless steel



pressure-temperature-diagram steel



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice