

# SWING CHECK VALVE SERIES K4 PVC - PP - PVDF

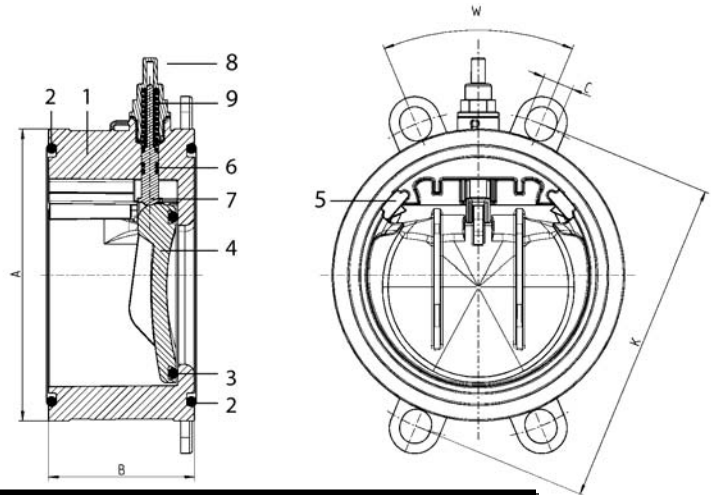
MADE IN  
NORTH AMERICA



PRODUCTS

## PARTS

NO	Part	Pcs.	Materials
1	Body	1	PVC, PP, PVDF, PPGF
2	O-Ring	2	EPDM, FPM (Viton)
3	Disk O-ring	1	EPDM, FPM (Viton)
4	Disk	1	PVC, PP, PVDF, PPGF
5	Disk retainer	2	PVC, PP, PVDF, PPGF
6	Stem O-ring	2	EPDM, FPM (Viton)
7	Indicator stem	1	PVDF
8	Indicator Cover	1	Clear ABS
9	Spring	1	304 SS



inches	DN	A		B		C		K		W°	Cv
		mm	in.	mm	in.	mm	in.	mm	in.		
3"	80	125	4.9	71	2.8	20	.79	146-160	5.75-6.3	45	180
4"	100	155	6.1	80	3.15	20	.79	175-191	6.89-7.52	45	400
6"	150	212	8.35	106	4.17	24	.94	234-242	9.21-9.53	45	1000
8"	200	264	10.39	140	5.51	24	.94	290-299	11.42-11.77	45	2500
10"	250	325	12.8	140	5.51	27	1.06	350-362	13.78-14.25	30	N/A
12"	300	372	14.65	181	7.13	27	1.06	400-432	15.75-17.0	30	N/A

## WORKING PRESSURES

size	PVC			PP			PPGF				PVDF			
	20°C 68°F	40°C 104°F	60°C 140°F	40°C 104°F	60°C 140°F	80°C 176°F	40°C 104°F	60°C 140°F	80°C 176°F	105°C 220°F	40°C 104°F	60°C 140°F	80°C 176°F	100°C 212°F
3"	150	130	70	90	70	58	150	130	90	45	150	130	90	60
4"	150	130	70	90	70	58	150	130	90	45	150	130	90	60
6"	150	130	70	90	70	58	150	130	90	45	150	130	90	60
8"	150	130	70	90	70	58	150	130	90	45	150	130	90	60
10"	150	130	70	90	70	58	150	130	90	45	150	130	90	60
12"	150	130	70	90	70	58	150	130	90	45	150	130	90	60

Temperature Ranges: PVC 0 to 60°C (32 to 140°F), PP -20 to 90°C (-4 to 194°F), PPG -20 to 115°C (-4 to 240°F), PVDF -40 to 140°C (-40 to 284°F).

## SEALING PRESSURES

all sizes	max back pressure required to seal (psi)
3" - 12"	1.5

## PRESSURES TO OPEN

	spring type		
	50 psi	90 psi	150 psi
3" - 12"	0.1	0.25	0.5

Above data is from tests using water on valves with EPDM o-rings.

FLOW RATE DIAGRAM FOR 3", 4", 6", 8" VALVES

