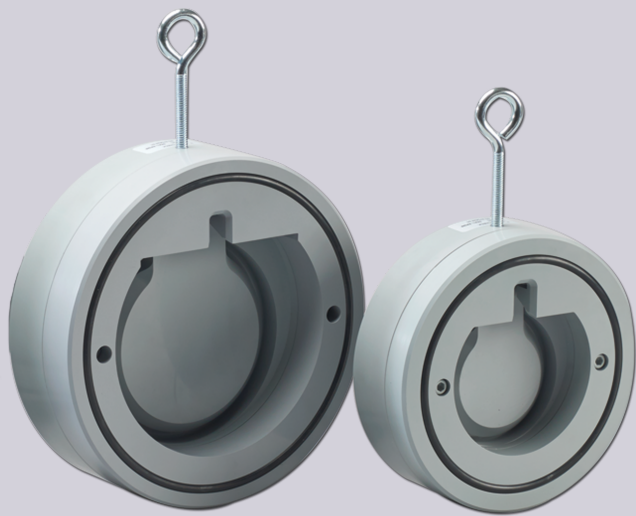


Wafer Check Valve Data Sheet



FEATURES:

- PVC body with EPDM or FKM seals provides strong corrosion resistance and broad chemical compatibility in demanding applications
- Compact, slim-profile design minimizes space requirements and overall system weight
- Minimized space requirements reduce installation components, cost, and assembly time
- Wafer-style body fits directly between mating flanges for simple, quick installation and alignment
- Face-to-face dimensions comply with ASME/ANSI B16.10, ensuring standard interchangeability with existing piping systems
- Disc design remains fully within the valve body, preventing pipe intrusion and minimizing pressure drop
- Suitable for vertical or horizontal installation, offering flexible piping layout options
- No external shaft design reduces potential leak paths and minimizes maintenance requirements
- Excellent chemical resistance suitable for a wide range of industrial and corrosive media applications

OPTIONS:

- DIN or JIS bolt pattern

PRESSURE VS. TEMPERATURE (PSI, WATER, NON-SHOCK):

Body Material	Temperature (F)	inches (mm)					
		3" (80)	4" (100)	6" (150)	8" (200)	10" (250)	12" (300)
PVC	30° - 120°	150	150	150	150	85	85

SPECIFICATIONS:

SIZES: 3" - 12"
MODELS: Wafer style ANSI
BODY MATERIALS: PVC
SEALS: EPDM, FKM

WEIGHTS (LBS.):

Nominal Size		Weight
inches	mm	
3	80	2.0
4	100	4.0
6	150	6.0
8	200	10.0
10	250	16.0
12	300	25.0

CV VALUES:

Nominal Size		Cv
inches	mm	
3	80	137
4	100	200
6	150	663
8	200	1225
10	250	1750
12	300	2620

MINIMUM OPERATING PRESSURE (PSI):

Nominal Size		Without Spring		With Spring	
inches	mm	Horizontal	Vertical	Horizontal	Vertical
3	80	0.01	0.1	0.01	0.2
4	100	0.01	0.1	0.01	0.2
6	150	0.01	0.1	0.01	0.2
8	200	0.01	0.1	0.01	0.2
10	250	0.01	0.1	0.01	0.2
12	300	0.01	0.1	0.01	0.2

MINIMUM SEALING PRESSURE (PSI):

Nominal Size		Without Spring		With Spring	
inches	mm	Horizontal	Vertical	Horizontal	Vertical
3	80	3.0	3.0	3.0	3.0
4	100	1.0	1.0	1.0	1.0
6	150	1.0	1.0	1.0	1.0
8	200	1.0	1.0	1.0	1.0
10	250	1.0	1.0	1.0	1.0
12	300	1.0	1.0	1.0	1.0