

Type PPV

Piston purge valves



for liquids and polymerizing / crystallizing media
Sampling volume: variable

for liquids and polymerizing / crystallizing media
Sampling volume: variable

Ventilation:
internally back to system

type PPV

piston flush with body



type PPV-S / PPV-SS

extended piston for crust breaking function



Design characteristics

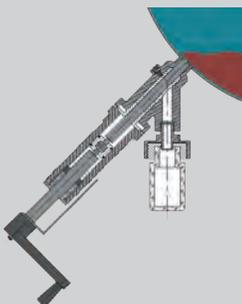
- free of cavity
- installation: 45° (standard), horizontal or vertical

Options

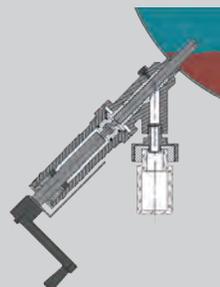
- heating jacket
- purging device
- needle system or clamping bottle holder with bayonet fixing
- automated (pneumatic / electric actuator)
- protection box
- lockable
- special materials
- Fire safe design

Functionality

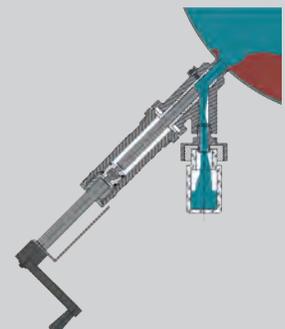
resting position



crust breaking

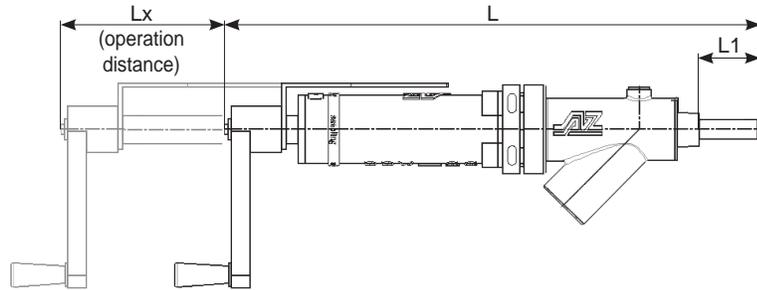


sample drawing



Type PPV

Technical Information



ASME B16.10	NPS	Class	type PPV			type PPV-SS			type PPV-S		
			L	L1	Lx	L	L1	Lx	L	L1	Lx
			[mm] [Inch]								
1/2	150	150	300	-	60	390	43	105	480	95	142
		300	11.81	-	2.36	15.35	1.69	4.13	18.90	3.74	5.59
	300	150	300	-	60	390	43	105	480	95	142
		300	11.81	-	2.36	15.35	1.69	4.13	18.90	3.74	5.59

Connection: male thread



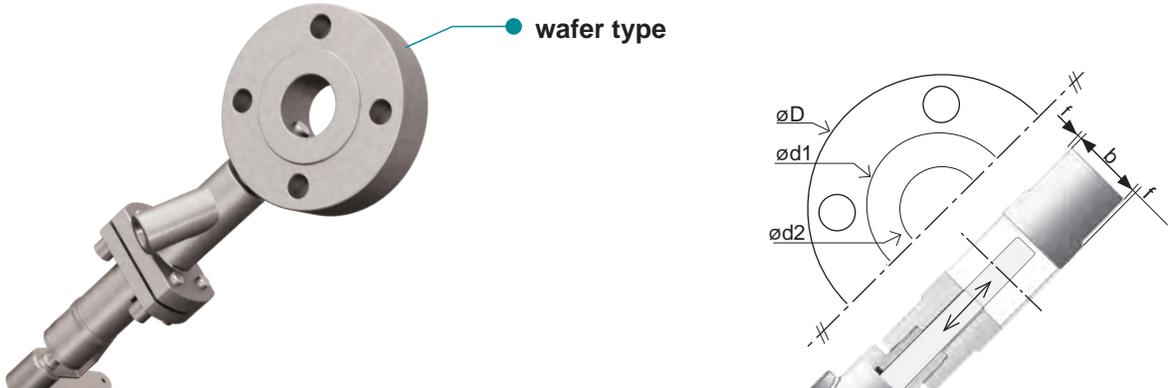
- **Male thread**
- Type** NPT
- PPV** R 3/4"
- PPV-SS** R 3/4"
- PPV-S** R 3/4"
- other on request

Connection: flange



- **Flange**
- Type** flange sizes
- PPV** DN15 / NPS 1/2"
- PPV-SS** DN15 / NPS 1/2"
- PPV-S** DN15 / NPS 1/2"
- other sizes on request,
dimensions acc. to
ANSI B16.5 / EN 1092-1

With double flange connection



● wafer type

NPS	Class	only for type PPV-S and PPV-SS					
		øD [mm] [Inch]	d1 [mm] [Inch]	d2 [mm] [Inch]	b [mm] [Inch]	f [mm] [Inch]	
1	150	110 4.33	50,8 2.00	25 0.98	50 1.97	2 0.08	
	300	125 4.92	50,8 2.00	25 0.98	50 1.97	2 0.08	
1½	150	125 4.92	73 2.87	40 1.58	50 1.97	2 0.08	
	300	155 6.10	73 2.87	40 1.58	50 1.97	2 0.08	
2	150	150 5.91	92,1 3.63	50 1.97	50 1.97	2 0.08	
	300	165 6.50	92,1 3.63	50 1.97	50 1.97	2 0.08	
2½	150	180 7.09	104,8 4.13	65 2.56	50 1.97	2 0.08	
	300	190 7.48	104,8 4.13	65 2.56	50 1.97	2 0.08	
3	150	190 7.48	127 5.00	80 3.15	50 1.97	2 0.08	
	300	210 8.27	127 5.00	80 3.15	50 1.97	2 0.08	
4	150	230 8.27	157,2 6.19	100 3.94	50 1.97	2 0.08	
	300	255 10.04	157,2 6.19	100 3.94	50 1.97	2 0.08	
5	150	255 10.04	185,7 7.31	125 4.92	50 1.97	2 0.08	
	300	280 11.02	185,7 7.31	125 4.92	50 1.97	2 0.08	
6	150	280 11.02	215,9 8.50	150 5.91	50 1.97	2 0.08	
	300	320 12.60	215,9 8.50	150 5.91	50 1.97	2 0.08	
8	150	345 13.59	269,9 10.63	200 7.87	50 1.97	2 0.08	
	300	380 14.96	269,9 10.63	200 7.87	50 1.97	2 0.08	

other sizes on request

