PPV

Piston Purge Valve

Type PPV / PPV-S

- for liquid and highly viscous media
- for polymerizing and crystallizing media
- sampling volume: variable
- standard bottle volume: VF min 100 ml / VF max 250 ml, other sizes on request

PN 10-40; Class 150 – 300 Temperature: -40 to 220°C



Design characteristics

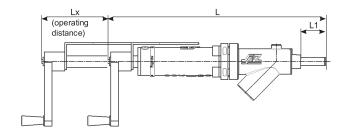
- no dead spaces
- self cleaning plunger
- non-clogging design
- crust breaking
- residue eliminated
- connection: NPT threaded or flanged
- installation: standard 45°, horizontal or vertical

Options

- heating jacket
- purging device

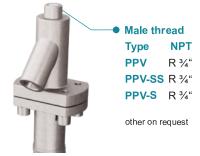
- needle system
- bottle holder for hot media
- automated (pneumatic / electric actuator)
- protection box
- lockable
- special materials

Dimensions

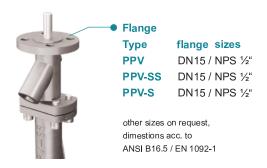


Type	L		L1	Lx		
[mm]	I	mm]	[mm]	
PPV	300		-		60	
PPV-SS	390		43		105	
PPV-S	480		95		142	

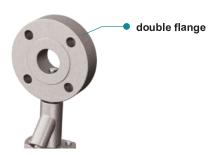
Connection: male thread

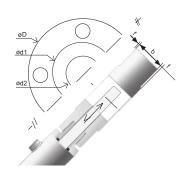


Connection: flange

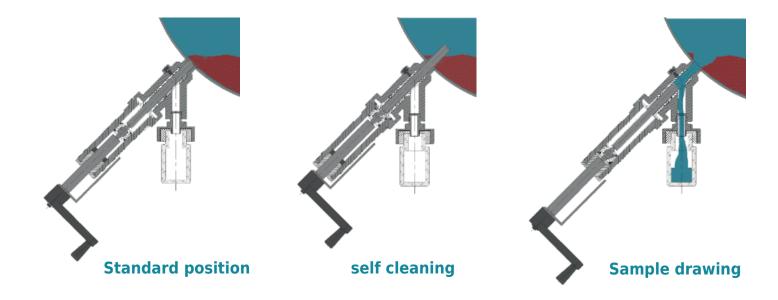


Connection: double flange, only for PPV-SS / PPV-S





	DN	PN	øD [mm]	d1 [mm]	d2 [mm]	b [mm]	f [mm]		NPS	Class	øD [mm]	d1 [mm]	d2 [mm]	b [mm]	f [mm]
EN 1092-1	25 40	10-40 10-40	115 150	69 88	25 40	50 50	2 3	ASME B16.5 / B16.10	1	150 300	110 125	50.8 50.8	25 25	50 50	2
	50 65	10-40 10-40	165 185	102 122	65	50 50	3		11/2	150 300	125 155	73 73	40 40	50 50	2
	80	10-40	200	138	80	50	3		2	150 300	150 165	92.1 92.1	50 50	50 50	2
	100	10-16 25 - 40	220 235	158 162	100	50	3		21/2	150 300	180 190	104.8 104.8	65 65	50 50	2
	125	10-16 25 - 40	250 270	188	125	50	3		3	150 300	190 210	127 127	80 80	50 50	2
	150	10-16 25 - 40	285 300	212 218	150	50	3		4	150 300	230 255	157.2 157.2	100 100	50 50	2
	200	10-16 25/40	340 360/375	268 278/285	200	50	3		5	150 300	255 280	185.7 185.7	125 125	50 50	2
other sizes on request						6	150 300	280 320	215.9 215.9	150 150	50 50	2			
									8	150 300	345 380	269.9 269.9	200 200	50 50	2



Materials

Standard

- stainless steel 1.4308, ASTM A351 CF8
- stainless steel 1.4408, ASTM A351 CF8M
- other materials such as Nickel, Hastelloy, Monel, Titanium, Tantalum etc on request

