



V500 Pneumatic Angle Seat Valves

Proval V500 Series pneumatic angle seat valves are suitable for water, steam, gases and chemicals for open-close applications. The V500 series valves are having a large use on filling and textile machines.

Due to their superior engineered design, PROVAL V500 Series angle seat valves offer an excellent

flow control with low pressure loss. Valves can be installed in any position preferably with actuator face up. All actuators are having 360° rotating possibility.

PROVAL V500 Series angle seat valves are manufactured in spring return Normally Open (NO), Normally Closed (NC) and Double Acting (DA) versions.

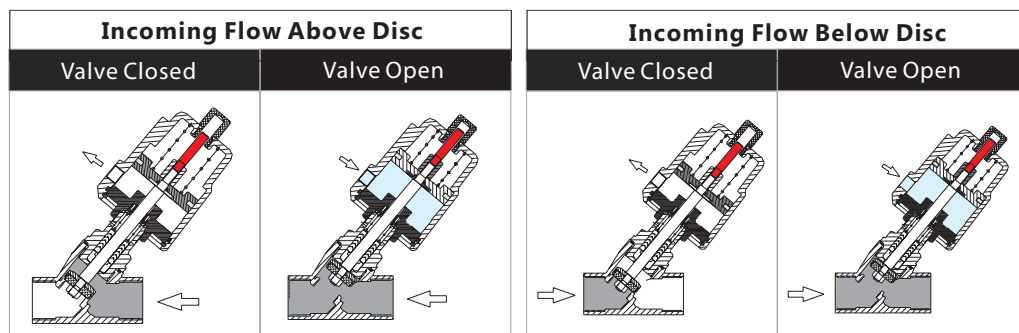


Flow Directions,

Valves can be assembled in different directions of flow.

Incoming flow above disc can handle higher working pressure.

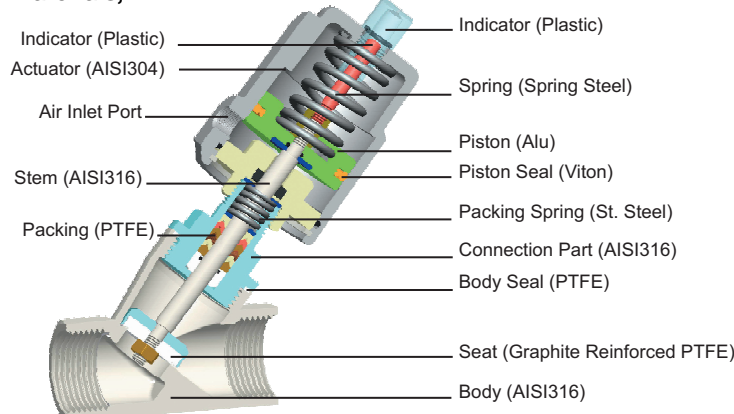
Incoming flow below disc guarantees no water hammer during operation.



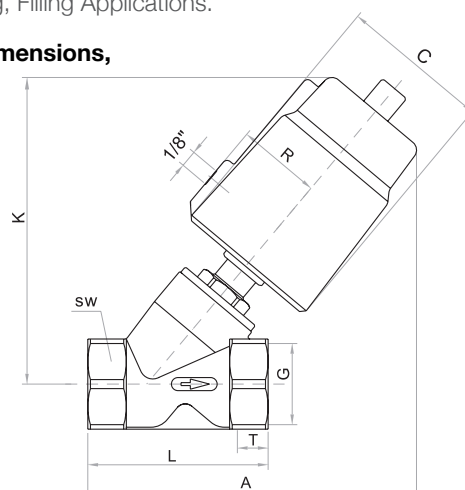
Applications,

Water, Steam, Gas, Chemicals, Pharmaceuticals, Textile Industry Dying & Printing, Filling Applications.

Materials,



Dimensions,



Dimensions and Technical Values,

Size (DN)	Thread (G)	Orifice (mm)	Kv (m³/h)	Actuator Size	C	R	K	A	T	L	SW	Incoming Flow Above Disc		Incoming Flow Below Disc	
												Max. Working Pressure	Control Pressure	Max. Working Pressure	Control Pressure
10	3/8"	13	3,8	40	50,5	27	111	119	12	68	27	16 bar	3,0-4,5 bar	11 bar	3,0 bar
				50	60	33	124	131				16 bar	3,0-3,5 bar	14 bar	3,0 bar
15	1/2"	13	4,7	40	50,5	27	111	119	15	68	27	16 bar	3,0-4,5 bar	11 bar	3,0 bar
				50	60	33	124	131				16 bar	3,0-3,5 bar	14 bar	3,0 bar
20	3/4"	18	9,5	50	60	33	128	136	16	75	32	16 bar	3,0-4,0 bar	11 bar	3,0 bar
25	1"	24	18,1	50	60	33	136	145	17	90	40	16 bar	3,0-4,5 bar	4 bar	3,0 bar
				63	75	41	162	169				16 bar	3,0-3,5 bar	14 bar	4,5 bar
32	1-1/4"	31	23,1	63	112	41	174	187	21	116	50	16 bar	3,0-5,5 bar	6 bar	4,5 bar
				90	75	57	220	229				16 bar	2,5-3,5 bar	16 bar	5,0 bar
40	1-1/2"	35	32,9	63	75	41	175	187	21	116	56	16 bar	3,0-6,5 bar	5 bar	4,5 bar
				90	112	57	222	230				16 bar	2,5-4,0 bar	16 bar	5,0 bar
50	2"	45	52,8	63	75	41	183	201	22	138	69	12 bar	3,0-7,0 bar	6 bar	5,0 bar
				90	112	57	232	244				16 bar	2,5-4,5 bar	10 bar	5,0 bar
65	2-1/2"	61	82,6	90	112	57	262	282	26	178	85	10 bar	2,5-6,0 bar	7 bar	5,0 bar