

# Adjustable Check Valves

## SACV SERIES

### Features

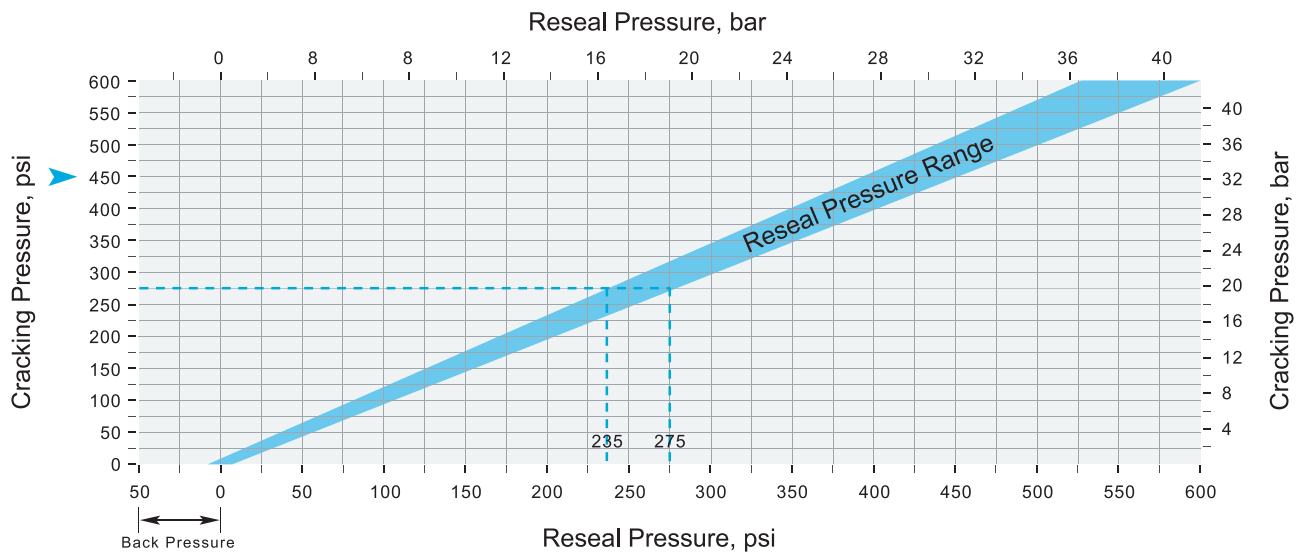
- Working pressures up to 3000 psig (206 bar)
- Temperature range from -10°F to 375°F (-23°C to 191°C) with Viton Seal
- Cracking pressures adjustable from 3 to 600psi (0.2 to 14.3bar)
- Variety of end connections
- 316 stainless steel and brass materials
- Each and every valve is tested at the factory.



### Technical Data

Series	SACV
Cracking Pressure Ranges	3 to 50psi (0.2 to 3.4bar) 50 to 150psi (3.4 to 10.3bar) 150 to 350psi (10.3 to 24.1bar) 350 to 600psi (24.1 to 41.3bar)
Working and Back Pressure at 70°F (20°C)	3000psig (206bar)
Temperature Rating	VITON O-Ring : -10°F to 375°F (-23°C to 190°C) NBR O-Ring :-10°F to 250°F (-23°C to 121°C)
Flow Coefficient (Cv)	0.37

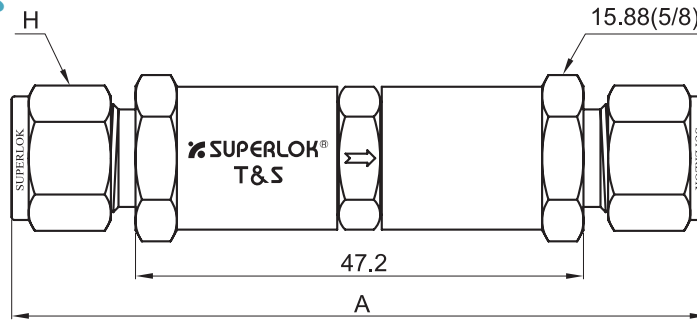
### Cracking and Reseal Pressure at 70°F (20°C)



#### Testing

All valves are factory tested for cracking pressure and reseal performance.

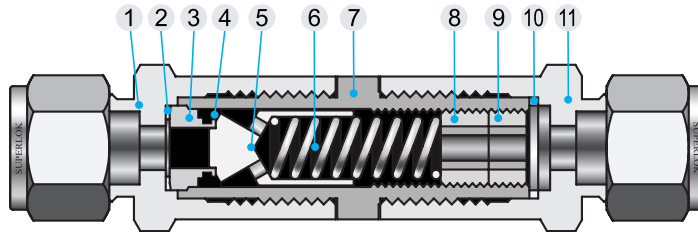
### Table of Dimensions



Part Number	End Connections		A (mm)	H mm(in.)
	Inlet	Outlet		
SACV	S4	1/4" SUPERLOK	82.0	14.3 (9/16)
	S6M	6mm SUPERLOK		14
	S8M	8mm SUPERLOK	84.3	16
	M4N-S4	1/4 Male NPT	79.2	14.3 (9/16)

• All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

### Materials of Construction



No.	Component	Valve Body Materials	
		Stainless steel	Brass
1	Inlet body	316SS / A276	Brass
2	Inlet gasket	PTFE - coated 316SS	
3	Insert	316SS / A276	Brass
4	O-Ring	VITON	NBR
5	Poppet	316SS / A276	Brass
6	Spring	SS304	
7	Center body	316SS / A276	Brass
8	Adjust screw		316SS / A276
9	Locking screw		
10	Outlet gasket	PTFE - coated 316SS	
11	Outlet Body	316SS / A276	Brass

### Ordering information

Example : **SACV - S 4 A - SS**

1
2
3
4
5

- 1 : Valve Series
- 2 : End Connection Type
- 3 : Connection Size
- 4 : Cracking Pressure Designator (A : 3~50 psi, B : 50~150 psi, C : 150~350 psi, D : 350~600psi)
- 5 : Body Material Designator (SS : 316 stainless steel(standard), B : Brass)