

# **Check Valve Series**

SHCV, SOCV, SOACV, SACV Series







# **ADJUSTABLE CHECK VALVE**

### **SACV SERIES** -



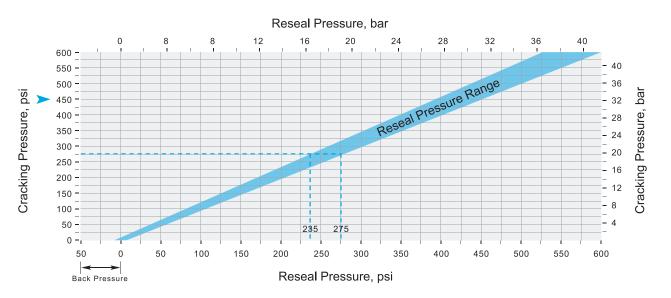
#### **Features**

- 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	
	3 to 50psi (0.2 to 3.4bar)	
Cracking Pressure Ranges	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)	
To any exeture Detine	VITON O-Ring : -10°F to 375°F (-23°C to 190°C)	
Temperature Rating	NBR O-Ring :-10 °F to 250 °F (-23 °C to 121 °C)	
Flow Coefficient (Cv)	0.37	

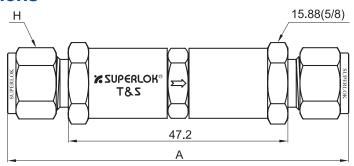
### Cracking and Reseal Pressure at 70 °F (20 °C)



**Testing** 

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

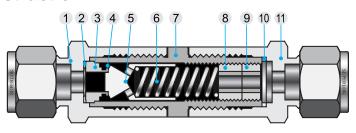
#### **Table of Dimensions**



Part No.		End Connections		Α	Н
		Inlet	Outlet	(mm)	mm(in.)
	S4	1/4" SUPERLOK		82.0	14.3 (9/16)
SACV	S6M	6mm SUPERLOK			14
	S8M	8mm SUPERLOK		84.3	16
	M4N-S4	1/4 Male NPT	1/4" SUPERLOK	79.2	14.3 (9/16)

All dimensions are for reference only, subject to change.

#### **Materials of Construction**



	Component	Valve Body Materials		
No.		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		Brass	
8	Adjust screw	316SS / A276	316SS / A276	
9	Locking screw			
10	Outlet gasket	PTFE - coated 316SS		
11	Outlet Body	316SS / A276 Brass		

## **Ordering information**

SACV - S 4 A - SS 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)

