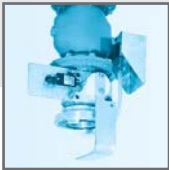


# Pinch valve

Type SQV

Safety element during pneumatic filling of silos



# PINCH VALVE

## PINCH VALVE Type SQV

### Areas of application:

To be used as a safety element during pneumatic filling of silos.

### Layout and operation principle:

During pneumatic filling the bulk material is blown into the silo by means of compressed air. Placed inside the filling line the pinch valve allows the full line cross section to be used during the regular filling process, ensuring high flow rates and low wear and tear.

The strong rubber cladding of the valve's membrane makes for long service life.

In case of an undesired incident (control failure, for example), the pinch valve can quickly be closed by applying pressure to its membrane with compressed air at least 2 bar higher than the pressure of the material flow.

### Material:

Housing: Cast iron, Aluminium  
 Membrane: Rubber  
 Control air connection: G 1/4"

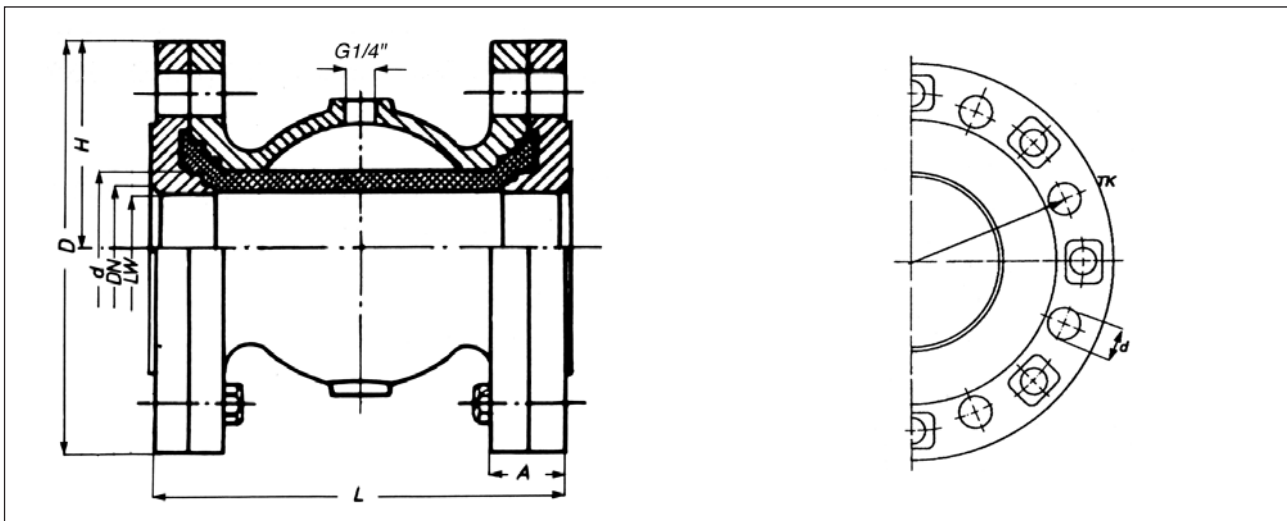
### Technical data:

Operating pressure: 4 bar  
 Control pressure: 1,8 - 2,0 bar higher than the respective operating pressure (max. 6 bar)  
 Connector flange: DIN 2576, PN 10  
 alternatively internal thread 3" or 4"

### Advantages:

- Fail-safe
- Economic
- Low wear and tear
- Short closing times

## DIMENSIONAL DRAWING



## TABLE OF DIMENSIONS

DN	LW	L	TK	ØD	Ød	Schlauchlänge	Vol/1 <sup>2)</sup>	Anzahl Schrauben	Gew. ca. kg
65	60	185	145	185	84	162	1,1	4	5,3
80	75	225	160	200	103	202	2,2	8	7,1
100	95	280	180	220	127	257	3,9	8	10,1
125	120	350	210	250	157	323	4,5	8	15,4
150	145	420	240	285	188	393	6,5	8	23,3
200	190	560	295	340	240	529	16,1	8	40,6

Auch mit Innengewinde, Gehäuse in Aluminium, Konusflansch mit Stahlbuchse.