

MISSION

To protect the installation against unexpected pressure overloads.

CONSTRUCTION

Spring valve Especially designed for use in rotary piston blowers, it mainly consists of: base flange (1), shaft (2), bell (3), spring (4), piston-shaft (5), spring washer (6) and casing (7) (see image).

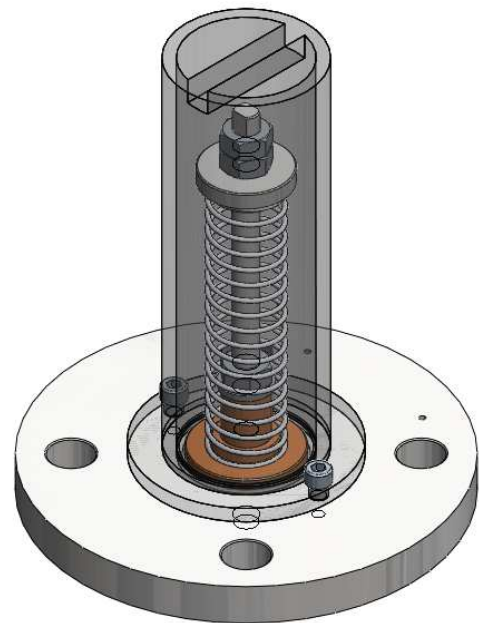
Adjustment is within the spring limits.

Maximum temperature of operation 170 °C

Minimum temperature -10°C

VERSION

- **P** - For pressure operation
- **A** - For vacuum operation
- **G** - For gas conveying



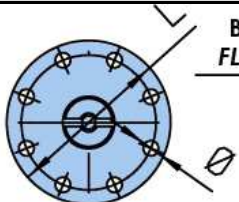
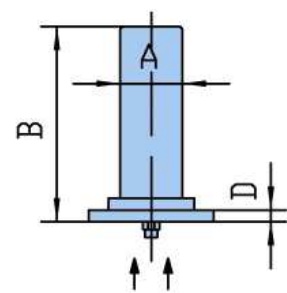
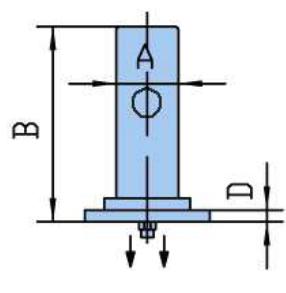
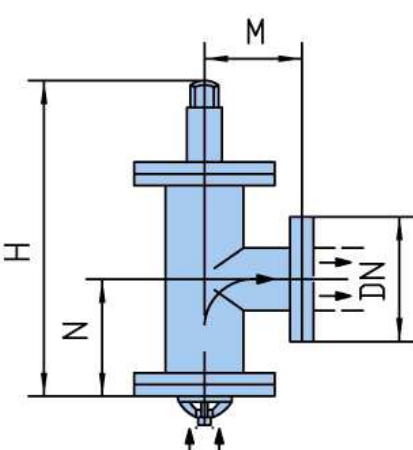
COMPONENTS

- | | |
|----------------------------|---------------------------|
| 1.- Base Flange (ST-52) | 5.- Piston-shaft (bronze) |
| 2.- Shaft (ferritic steel) | 6.- Spring washer (ST-52) |
| 3.- Bell (bronze) | 7.- Casing (ST-52) |
| 4.- Spring (DIN17223) | |

ASSEMBLY

It must be coupled in such a way that there is no shutoff device between the blower and the valve.

In atmospheres that contain dust and dirt the necessary warnings should be taken to avoid blocking the bell and shaft. The flange coupling should not cause stress in the valve seating. During long periods of inactivity a check should be made before starting.

DIMENSIONS & TECHNICAL SPECIFICATIONS																
BRIDA DIN 2576 PN10 FLANGE DIN 2576 PN10																
																
FUNCIONAMIENTO EN PRESION PRESSURE EXECUTION				FUNCIONAMIENTO EN ASPIRACION SUCTION EXECUTION				FUNCIONAMIENTO CON FLUIDOS GAS EXECUTION								
DN	A	B	D	H	J		L	M	N	WEIGHT (kg)			MAX. FLOW	CODE		
					n	∅				Ej. P	Ej. A	Ej. G		Ex. P	Ex. A	Ex. G
50	60	189	16	272	4	18	125	90	122	5	5	16	8,02	511.140	130	060
80	90	219	15	370	4	18	160	110	148	8	8	25	19,73	511.141	131	061
125	125	325	18	480	8	18	210	130	207	17	17	35	40,63	511.142	132	062
200	195	428	20	694	8	23	295	180	263	35	35	75	151,78	511.143	133	063

Max. Pressure loss for total flor 10% of setting pressure