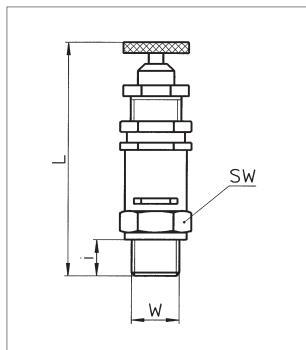




## Blow-off valves without component test DN3, DN6

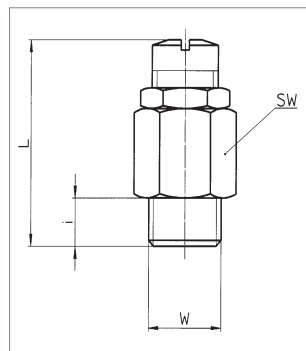
To blow out non-poisonous and non-flammable gases into the atmosphere in order to protect pressure tanks against overpressure.  
**Setting and lead seal at additional charge.**



### Classic blow-off valves DN6

Setted valves are plumbed.  
 Metal seated valves may have slight leakage.

Connection threads W	Seal	Dimensions [mm]			Set pressure [bar]	Order No.
		L	i	SW		
G <sup>1</sup> / <sub>4</sub>	Metal	78	10	17	1,5 - 4,0	<b>259.007</b>
					4,0 - 8,0	<b>259.008</b>
					8,0 - 12,0	<b>259.009</b>
G <sup>1</sup> / <sub>4</sub>	NBR	78	10	17	1,5 - 4,0	<b>259.010</b>
					4,0 - 8,0	<b>259.011</b>
					8,0 - 12,0	<b>259.012</b>



### Mini blow-off valve DN3

Setted safety device on request.

Connection threads W	Seal	Dimensions [mm]			Set pressure [bar]	Order No.
		L	i	SW		
G <sup>1</sup> / <sub>8</sub>	NBR	27	7	16	0,2 - 1,0	<b>368.025</b>
					1,1 - 3,0	<b>368.11</b>
					3,1 - 6,0	<b>368.12</b>
					6,1 - 12,0	<b>368.13</b>
					12,1 - 18,0	<b>368.14</b>
					18,1 - 32,0	<b>368.15</b>
G <sup>1</sup> / <sub>4</sub>	NBR	27	7	16	32,1 - 60,0	<b>368.16</b>
					0,2 - 1,0	<b>368.016</b>
					1,1 - 3,0	<b>368.21</b>
					3,1 - 6,0	<b>368.22</b>
					6,1 - 12,0	<b>368.23</b>
					12,1 - 18,0	<b>368.24</b>
					18,1 - 32,0	<b>368.25</b>
					32,1 - 60,0	<b>368.26</b>

### Exhaust capacity air

The exhaust capacities indicated in the table are the minimum values reached when air pressure is raised by 10% above the set pressure.

**Set pressure [bar]**    **Exhaust flow capacity (normal conditioning) [m³/h]**    **[l/min]**

#### Classi blow-off valve DN6

1,5	10	165
2	13	215
4	26	430
6	42	700
8	58	970
10	74	1230
12	90	1500

#### Mini blow-off valve DN3

1	3	50
4	12	200
6	18	300
10	30	500
20	60	1000
30	90	1500
40	120	2000
50	150	2500
60	180	3000

Intermediate values can be interpolated.

### Technical data

	DN6	DN3
<b>Connection thread</b>	G <sup>1</sup> / <sub>4</sub>	G <sup>1</sup> / <sub>8</sub> , G <sup>1</sup> / <sub>4</sub>
<b>Operating temperature</b>	NBR Metal	-10°C up to +90°C -10°C up to +180°C
	other temperatures on request!	
<b>Setting range</b>	1,5 - 12bar	1 - 60bar
<b>Opening pressure difference</b>	10% - 15%	~ 20%
<b>Closing pressure difference</b>	15% - 25%	~ 20%
<b>Built-in position</b>	vertical	
<b>Material</b>	- housing - seal	brass NBR

### Definitions

Set pressure (start-to-leak):	beginning of <i>audible</i> leaking
Opening pressure:	valve completely open, max. blow-off/ deflation valve is closed and sealed (tight)
Closing pressure:	valve is closed and sealed (tight)
Opening pressure difference:	difference between start-to-leak pressure and opening pressure
Closing pressure difference:	difference between start-to-leak pressure and closing pressure