

**SAFETY RELIEF VALVE**

**AV919 5 up to 500 mbar**



**Spring loaded, direct acting safety relief valve for venting excess pressure from receivers, pipelines and other equipment.**

**Every safety relief valve 100% tested.**

**Benefits**

- individual opening pressure
- TÜV-certification of pressure setting
- available in anodised aluminium or stainless steel (ES)
- sealing material to suit gas or customer request
- compact size for easy, problem free installation
- adapter for connection to ventilation pipe
- free of oil and grease

**Approvals**

Company certified according to ISO 9001, ISO 14001 and PED 97/23/EC Module H

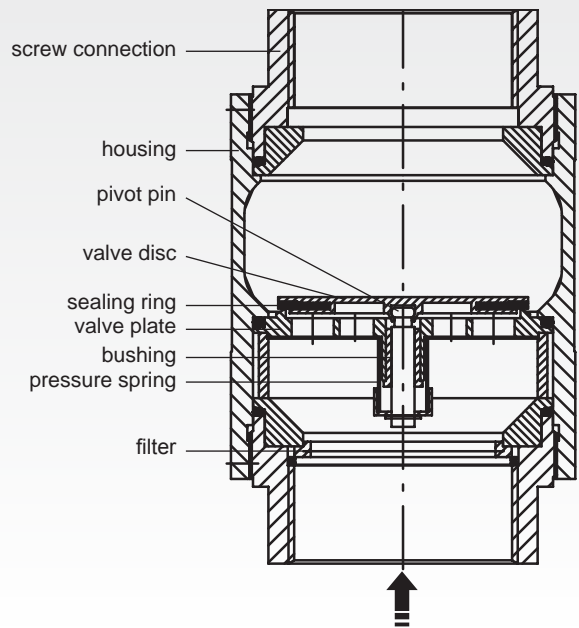
**Other models, options and accessories available on request.**

**Please identify the individual gases, temperature and opening pressure at the time of enquiring!**

Product information

	AV919
<b>Opening pressure</b>	from 0.005 up to < 0.5 bar
<b>Gases</b>	all technical gases
<b>Material</b>	housing anodised aluminium, metal turned parts made of stainless steel, pressure spring made of stainless steel, valve seal corresponding to the gas
<b>Width across flats</b>	70 mm
<b>Weight</b>	approx. 1500 g
<b>Connections</b>	G2 RH F
<b>Marking</b>	TÜV*AV919*47,0*3.2315.72*CR* *PN16
<b>Temperature range</b>	-40 °C/-40 °F up to approx +300 °C/+572 °F (in accordance to gas and valve sealing)

Technical Data



A01/11 subject to change

**SAFETY RELIEF VALVE**

**Flow capacity for air and closing pressure at 20 °C/68 °F  
(valid only for atmospheric back pressure)**

Standard reference conditions: 0 °C/32 °F / 1013.3 mbar

Flow capacity at  $p = 2 \times p_e$  [Nm<sup>3</sup>/h]

$p_e$  = Setting pressure

**Connection G 2**

$p_e$ Setting pressure [mbar]	5	15	30	40	60	80	100
Flow capacity [m <sup>3</sup> /h]	22.7	39	177	268	319	434	440
Closing pressure in % of $p_e$	66.5	76	79	83	87	86	88
$p_e$ Setting pressure [mbar]	140	200	250	300	400	450	500
Flow capacity [m <sup>3</sup> /h]	529	550	686	610	781	926	967
Closing pressure in % of $p_e$	88	89	89	90	90	88	90

other connections available on request