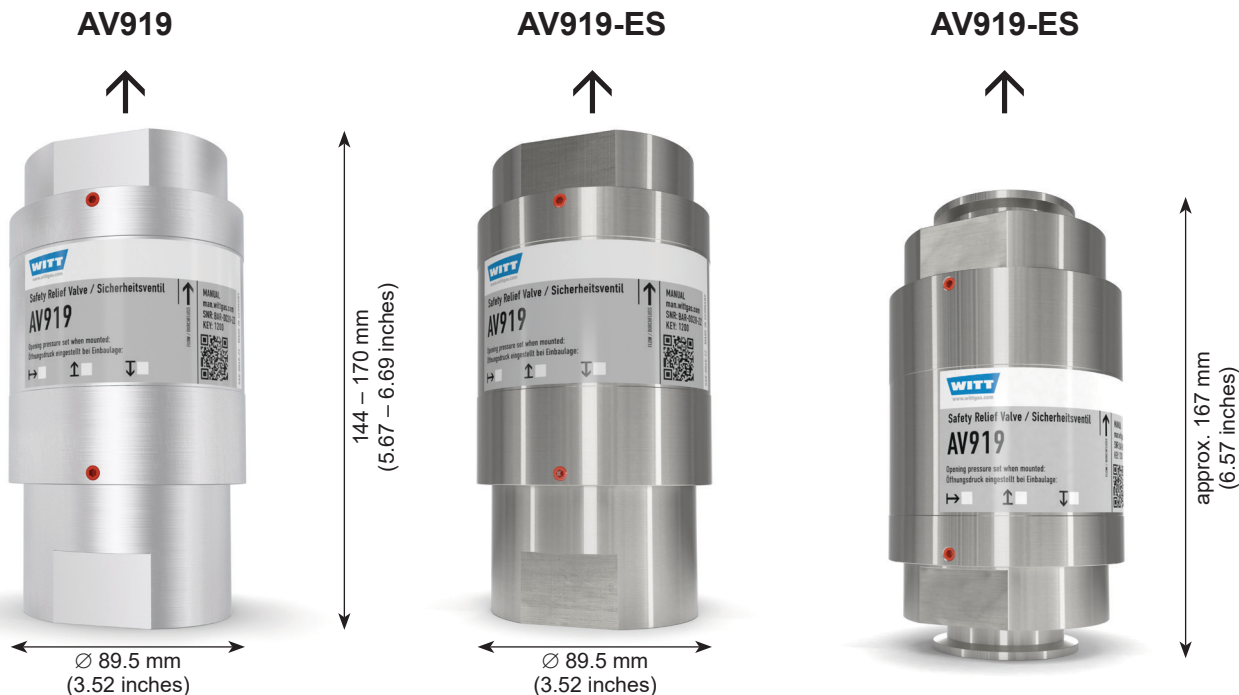


SAFETY RELIEF VALVE AV919

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 (optional)
- 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

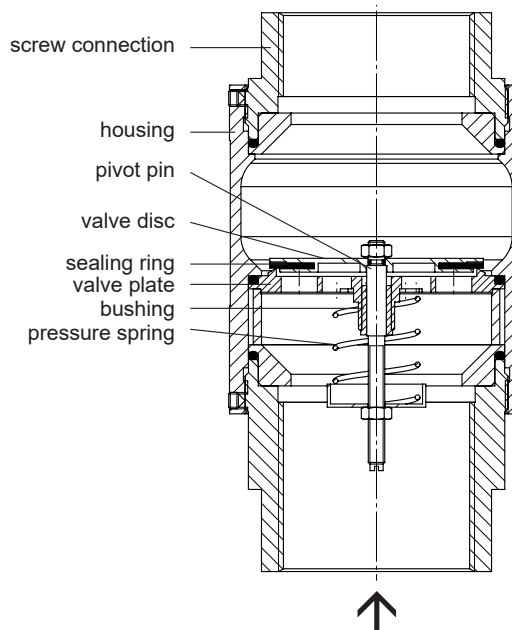
Approvals

Company certified according to ISO 9001 and PED 2014/68/EU Module H
 Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems
 Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Other models, options and accessories available on request.

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

	AV919 / AV919-ES
Opening pressure	from 0.005 up to < 0.5 bar
Gases	all technical gases
Material	housing anodised aluminium or stainless steel, metal turned parts made of stainless steel, pressure spring made of stainless steel, valve seal corresponding to the gas
Width across flats	70 mm
Weight	approx. 1 500 g / approx. 3 000 g (ES)
Connections	G 2 RH F 2" NPT F flange DN 40 according to DIN 28403
Marking	TÜV*AV919*47,0*3.2315.72*CR* *PN16
Temperature range	-40 °C/-40 °F up to approx. +270 °C/+518 °F (in accordance to gas and valve sealing)



SAFETY RELIEF VALVE AV919

5 up to 500 mbar



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 / 1 013.3 mbar

Flow capacity at $p = 2 \times p_e$ [Nm³/h]

p_e = Setting pressure

Connection G 2 / 2" NPT

p_e Setting pressure [mbar]	5	15	30	40	60	80	100
Flow capacity [m ³ /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 ³ /h]	529	550	686	610	781	926	967
Closing pressure in % of p_e	88	89	89	90	90	88	90

Pressure range [mbar]	Connection	Overall length [mm]
5 ≤ 30	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170
	KF DN40 DIN 28403	167
	FI.DN50/PN40 DIN EN1092	266
>30 ≤ 80	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170
	KF DN40 DIN 28403	167
>80 ≤ 140	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170
	KF DN40 DIN 28403	167
>140 ≤ 250	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170
	KF DN40 DIN 28403	167
>250 ≤ 400	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170
	KF DN40 DIN 28403	167
>400 ≤ 500	G 2 F – G 2 F	170
	2" NPT F – 2" NPT F	170

other connections available upon request