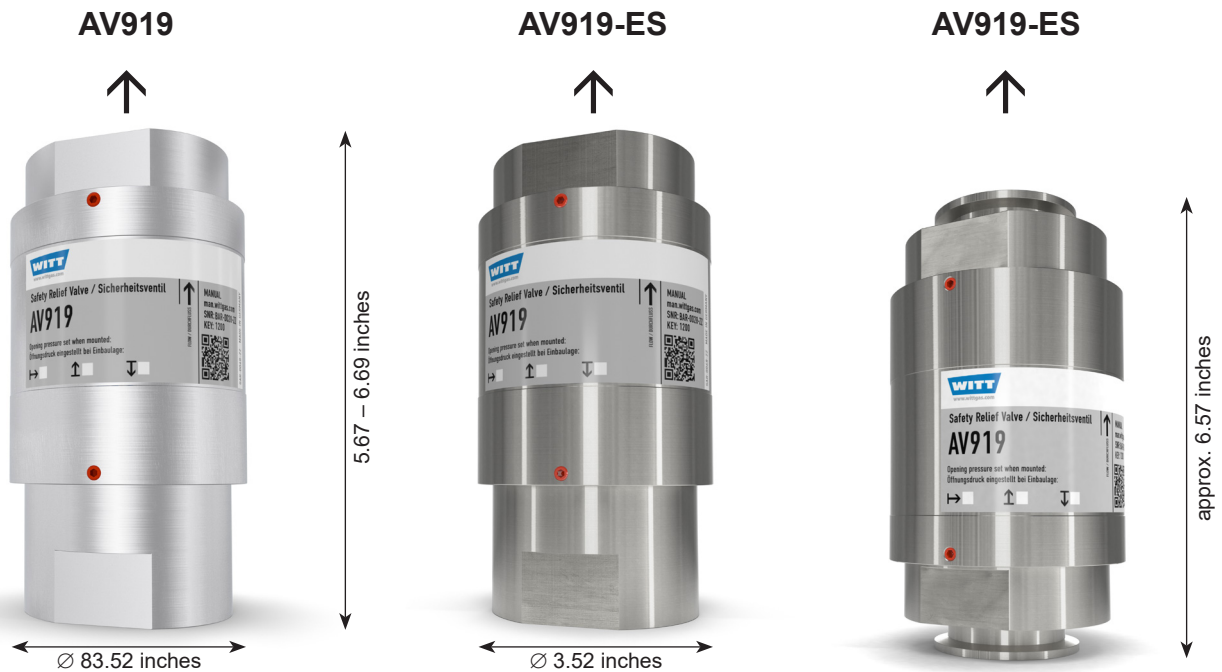


# SAFETY RELIEF VALVE AV919

0.07 up to 7.25 PSI



**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

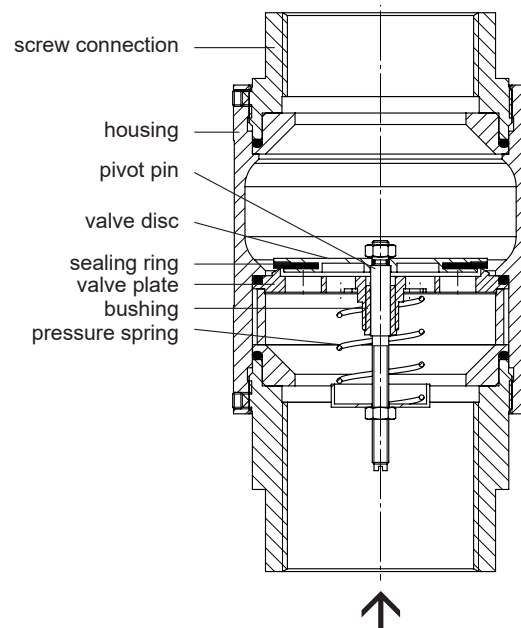
### Approvals

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
<b>Opening pressure</b>	from 0.07 up to < 7.25 PSI
<b>Gases</b>	all technical gases
<b>Material</b>	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
<b>Width across flats</b>	2.76 inches
<b>Weight</b>	approx. 52.91 oz / approx. 105.82 oz (ES)
<b>Connections</b>	G 2 RH F 2" NPT F flange DN 40 according to DIN 28403
<b>Marking</b>	TÜV*AV919*47.0*3.2315.72*CR* *PN16
<b>Temperature range</b>	-40°F up to approx. +518°F (in accordance to gas and valve sealing)



# SAFETY RELIEF VALVE AV919

## 0.07 up to 7.25 PSI



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

Standard reference conditions: 32°F / 14.7 PSI

Flow capacity at  $p = 2 \times p_e$  [NSCFH]

$p_e$  = Setting pressure

### Connection G 2 / 2" NPT

$p_e$ Setting pressure [PSI]	0.07	0.22	0.44	0.58	0.87	1.16	1.45
Flow capacity [SCFH]	802	1377	6251	9464	11265	15327	15538
Closing pressure in % of $p_e$	66.5	76	79	83	87	86	88
$p_e$ Setting pressure [PSI]	2.03	2.90	3.63	4.35	5.80	6.53	7.25
Flow capacity [SCFH]	18681	19423	24226	21542	27581	32701	34149
Closing pressure in % of $p_e$	88	89	89	90	90	88	90

Pressure range [PSI]	Connection	Overall length [mm]
0.07 ≤ 0.44	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69
	KF DN40 DIN 28403	6.57
	FI.DN50/PN40 DIN EN1092	10.47
>0.44 ≤ 1.16	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69
	KF DN40 DIN 28403	6.57
>1.16 ≤ 2.03	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69
	KF DN40 DIN 28403	6.57
>2.03 ≤ 3.63	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69
	KF DN40 DIN 28403	6.57
>3.63 ≤ 5.80	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69
	KF DN40 DIN 28403	6.57
>5.80 ≤ 7.25	G 2 F – G 2 F	6.69
	2" NPT F – 2" NPT F	6.69

other connections available upon request