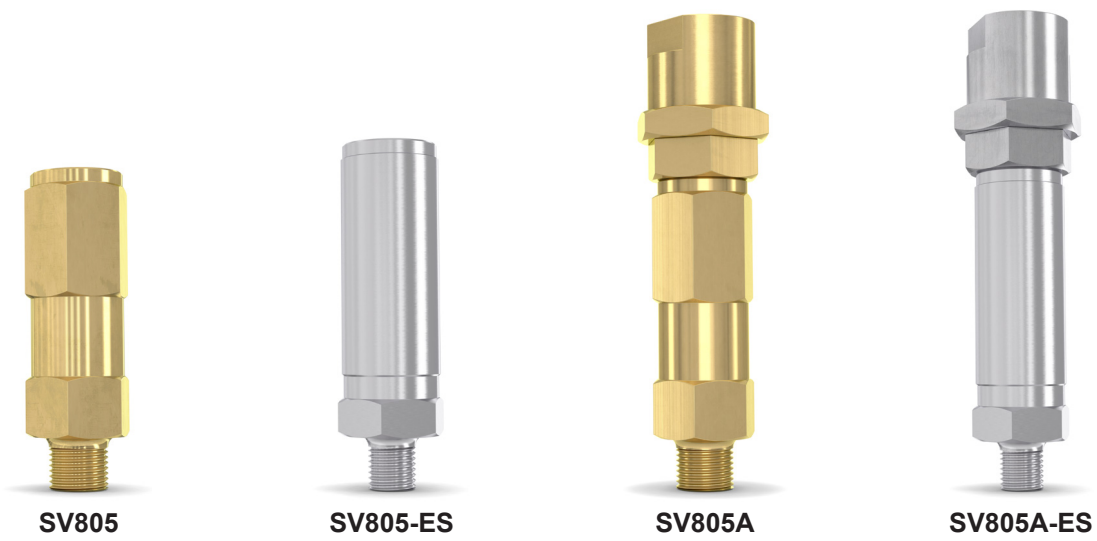


# SAFETY RELIEF VALVE SV805 / 805A

7.27 up to 652.6 PSI



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

**Benefits**

- according to PED 2014/68/EU, category IV, Module B and D
- individual opening pressure
- TÜV-certification of pressure setting
- available in brass or stainless steel (ES)
- sealing material to suit gas or customer request
- compact size for easy, problem free installation
- range of inlet connections
- with / without condensation outlet
- protective dust cap
- SV805A (manual ventilation), for checking of safety function
- adapter for connection to ventilation pipe

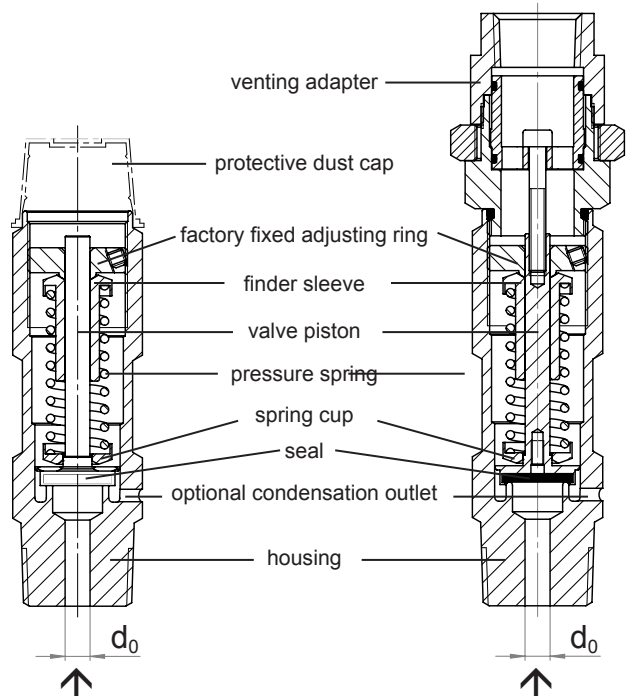
**Approvals**

Manufactured and certified according to EN ISO 4126-1  
 Company certified according to ISO 9001  
 and PED 2014/68/EU Module H  
 CE-marked according to:  
 - PED 2014/68/EU  
 Cleaned for Oxygen Service according to:  
 - EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

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

**Please identify the individual gases, temperature, opening pressure, inlet connection and with or without condensation outlet at the time of enquiring!**

	SV805	SV805A
<b>Manual ventilation</b>	–	✓
<b>Opening pressure</b>	from 7.25 up to 652.6 PSI	
<b>Gases</b>	all technical gases	
<b>Material</b>	housing and metal turned parts made of brass or stainless steel, pressure spring made of stainless steel, valve seal considering to the gas	
<b>Width across flats</b>	1.06 inches	
<b>Weight</b>	approx. 0.57 lb	approx. 1.46 lb
<b>Marking</b>	CE0045 TÜV*SV*18-931	
<b>Drill hole (d<sub>0</sub>)</b>	0.24 inch at 7.25 up to 362.6 PSI 0.26 inch at > 362.6 up to 652.6 PSI	
<b>Temperature range</b>	-76 °F up to approx. +302 °F (in accordance to gas and valve sealing)	
<b>Adapter</b>	for connection to ventilation pipe at the outlet	–



SV1 - USA J01/C9 subject to change

# SAFETY RELIEF VALVE SV805 / 805A

## 7.27 up to 652.6 PSI



Flow capacity for air at 73.4 °F (valid only for atmospheric back pressure)

Opening pressure [PSI]	7.25	14.5	29	43.5	58	72.5	87	101.5	116	130.5	145	159.5
Volume flow [SCFH]	554	830	1 268	1 706	2 140	2 578	3 016	3 450	3 888	4 319	4 757	5 191
Opening pressure [PSI]	174	188.5	203	217.5	232	246.6	261	275.6	290	304.6	319	333.6
Volume flow [SCFH]	5 629	6 064	6 501	6 939	7 409	7 847	8 285	8 723	9 161	9 599	10 037	10 475
Opening pressure [PSI]	348	362.6	377	391.6	406	420.6	435	449.6	464	478.6	493	507.6
Volume flow [SCFH]	12 802	13 261	13 720	14 179	14 638	15 097	15 556	16 015	16 474	16 933	17 392	17 851
Opening pressure [PSI]	522	536.6	551	565.6	580	594.6	609	623.6	638	652.6		
Volume flow [SCFH]	18 890	19 402	19 914	20 426	20 938	21 450	21 962	22 474	22 986	23 498		

Version	Burst pressure of housing	Overall length [inch]		Inlet male thread (M)	Outlet female thread (F)	
		SV805	SV805A		SV805	SV805A
Brass	5 802 PSI	3.54	5.39	G 1/4; 1/4" NPT G 3/8; 3/8" NPT M16 x 1.5; M18 x 1.5	M24 x 1	1/2" NPT
		3.74	5.59	G 1/2; 1/2" NPT G 3/4; 3/4" NPT M20 x 1.5		
Stainless steel (ES)	8 702 PSI	3.80	5.65	G 1/4; 1/4" NPT; 1/4" VCR G 3/8; 3/8" NPT; 3/8" VCR M16 x 1.5; M18 x 1.5	M24 x 1	1/2" NPT
		4.00	5.85	G 1/2; 1/2" NPT; 1/2" VCR G 3/4; 3/4" NPT M20 x 1.5		

**Adapter (for SV805)** for connection to ventilation pipe at the outlet

Version	Adapter with O-ring seal	Order no.
Brass	M24 x 1 M - 1/2" NPT F	801413600K
	M24 x 1 M - 3/4" NPT F	802124900K
	M24 x 1 M - G 1/2 M with cone	802069800K
Galvanised steel	M24 x 1 M - 1/2" NPT F	801413703K
Stainless steel (ES)	M24 x 1 M - 1/2" NPT F	801727800K