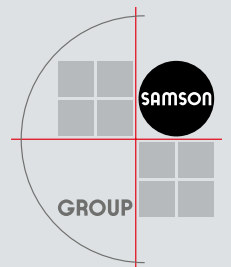


# For Aggressive Media

Self-operated regulators of stainless steel

SAMSON

- Suitable for gases, liquids and steam
- Completely made of stainless steel
- Pressure reducing and excess pressure valves for set points from 0.2 to 20 bar
- According to DIN, ANSI or JIS standards
- Designed without packing
- Special FDA and NACE versions



# Technical data

Valve type	<b>Typ 44-0 B</b> Pressure Reducing Valve	<b>Typ 44-1 B</b> Pressure Reducing Valve	<b>Typ 44-6 B</b> Excess Pressure Valve
Versions	DIN/ANSI/JIS	DIN/ANSI/JIS	DIN/ANSI/JIS
Applications	Steam	Liquids Non-flammable gases	Liquids/steam Non-flammable gases
Connection Female thread	G ½ to G 1 ½ NPT to 1 NPT ISO 7/1 Rc ½ to 1	G ½ to G 1 ½ NPT to 1 NPT ISO 7/1 Rc ½ to 1	G ½ to G 1 ½ NPT to 1 NPT ISO 7/1 Rc ½ to 1
Connection Flanged body	DN 15 and DN 25/ NPS ½ and 1	DN 15 and DN 25/ PS ½ and 1	DN 15 and DN 25/ PS ½ and 1
Nominal pressure Threaded body	PN 25/Class 300	PN 25/Class 300	PN 25/Class 300
Nominal pressure Flanged body	PN 25/Class 150	PN 25/Class 150	PN 25/Class 150
Set point range	0.2 to 20 bar 3 to 290 psi	0.2 to 20 bar 3 to 290 psi	0.2 to 20 bar 3 to 290 psi
$K_{vs}^{1)}$ $C_v^{1)}$	0.25 to 5 0.3 to 6	0.25 to 5 0.3 to 6	1.0 to 5 1.2 to 6
Perm. temperature	200 °C/390 °F	150 °C/300 °F	200 °C/390 °F <sup>2)</sup> , 150 °C/300 °F <sup>3)</sup>
Perm. differential pressure	16 bar/230 psi	16 bar/230 psi	16 bar/230 psi
Materials Body Soft sealing	Stainless steel 1.4408 PTFE	Stainless steel 1.4408 EPDM/FPM/FFPM	Stainless steel 1.4408 EPDM/FPM/PTFE/FFPM

<sup>1)</sup> Depending on nominal size

<sup>2)</sup> For steam

<sup>3)</sup> For liquids and gases

