

Critical Service , Type 5466



Critical Service

Type 5466

PTFE-lined safety valves from the Critical Service product group are utilized for highly corrosive media such as chlorine, acids, and lyes. With their highly resistant lining they offer a safe solution for corrosive media.

Approvals



Industries

- Chemical Industry (Chlorine manufacture and processing; Chemical plants and pipelines; Reduced media such as acids or lyes)

Further Links

 [Critical Service Catalog \[DE\]](#)

 [Instructions \[DE, EN, FR, IT, SP, RU, CN\]](#)

 [Stückliste Type 5466 \[DE\]](#)

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Datasheet

Product info	Metric unit	US unit
Key feature	Higher corrosion protection by PTFE-nozzle, protective coating at the outlet area and PTFE-bellows	Higher corrosion protection by PTFE-nozzle, protective coating at the outlet area and PTFE-bellows
Nominal diameter inlet	DN 25 - DN 50	1" - 2"
Nominal diameter inlet - Thread		
Nominal diameter inlet - Flange		
Nominal diameter outlet		
Orifice	G - K	G - K
Pressure		
Actual orifice diameter d0	23 - 46 mm	0,91 - 1.81 in
Actual orifice area A0	416 - 1.662 mm ²	0.645 - 2.576 in
Operating limits valve size		
Operating limits pressure class inlet flange		
Pressure	0,5 - 10 bar	7.25 - 145 psig
Flange rating inlet	PN 16	CL150
Temperature acc. to DIN EN	-85 to 200 °C	-121 to 392 °F
Temperature acc. to ASME	currently no approvals acc. to ASME Sec. VIII Div. 1	currently no approvals acc. to ASME Sec. VIII Div. 1
Body material	1.0619	SA 216 WCB
KUB-Materials		
Material outlet body		
Material inlet body		
Valve connection	Flange acc. to DIN EN 1092-1 ASME B 16.5	Flange acc. to DIN EN 1092-1 ASME B 16.5
Bellows	PTFE	PTFE

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Approvals	PED/DIN EN ISO 4126-1, PED/AD 2000-Merkblatt A2, AQSIQ, EAC	PED/DIN EN ISO 4126-1, PED/AD 2000-Merkblatt A2, AQSIQ, EAC
Specials	Units converted; No approvals acc. to ASME	Units converted; No approvals acc. to ASME

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Options

Feature		Option Code
Disc	with sealing plate virgin PTFE with sealing plate PTFE - 25 % carbon acc. to customer specification e.g. Hastelloy®	standard
Bellows	PTFE bellows	Standard
Caps and levers	Caps H2 Packed lever H4	
Spring	heat resistant corrosive resistant 1.4310	X01 X04
Test gag	for cap H2 for lifting device H4	J70 J69
Lift indicator	lifting device H4	J39J93
Lift stopper	Lift stopper	J51
Free of oil and grease		J85
Special materials	Hastelloy® C4/ 2.4610 Monel® 400/ 2.4360 Duplex / 1.4462	