

High Performance , Type 444 DIN

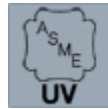


## High Performance

### Type 444 DIN

Safety valves from the High Performance product group offer especially high capacity for their size. With a large quantity of nominal diameters (DN), pressure ranges and product options, they have proven themselves as a universal safety valve for many applications.

### Approvals



### Industries

- Chemical Industry
- Petrochemical Industry
- Power
- Technical Gases
- Food and Beverage Industry
- Pharmaceutical Industry

### Further Links

[High Performance Catalog 1 \[DE\]](#)[Instructions \[DE, EN, FR, IT, SP, RU, CN\]](#)[Stückliste Type 444 DIN \[DE\]](#)

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## Datasheet

Product info	Metric unit	US unit
Key feature	Deep-drawn body	Deep-drawn body
Nominal diameter inlet	DN 25 - DN 80	1" - 3"
Nominal diameter outlet		
Pressure		
Actual orifice diameter d0	23 - 74 mm	0,91 - 2,91 in
Actual orifice area A0	416 - 4301 mm <sup>2</sup>	0,644 - 6,666 in <sup>2</sup>
Pressure	0,1 - 16 bar	1,5 - 232 psig
Flange rating inlet	PN 16	PN 16
Temperature acc. to DIN EN	-45 to 200 °C	-49 to 392 °F
Temperature acc. to ASME	-45 to 200 °C	-49 to 392 °F
Body material	1.4404	SA 479 316L
KUB-Materials		
Valve connection	Flange acc. to DIN EN 1092-1 JIS 2220	Flange acc. to DIN EN 1092-1 JIS 2220
Bellows	No bellows	No bellows
Type of loading	Spring loaded	Spring loaded
Approvals	PED/DIN EN ISO 4126-1, PED/AD 2000-Merkblatt A2, ASME Sec. VIII Div. 1, CRN, AQSIQ, EAC	PED/DIN EN ISO 4126-1, PED/AD 2000-Merkblatt A2, ASME Sec. VIII Div. 1, CRN, AQSIQ, EAC
Specials		

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## Options

Feature		Option Code
Disc	Metal sealing, with detachable lifting aid	J26 (Standard)
	Metal sealing, bull-race	J24
	Metal sealing, 1.4404	L44
	Metal sealing, 1.4404 stellited	J25
Caps and levers	Screwed cap H2	
	Screwed packed lever H4	
Spring	Spring, heat resistant	X01
	Spring, corrosive resistant 1.4310	X04
	Spring, INCONEL X-750	X08 (on request)
Test gag	For cap H2 (H1)	J70
	For lever H4 (H6)	J69
Bonnet	Closed	
Lift indicator	For lifting device H4 (H6)	J39J93
	For bonnet	J38J93
Lift stopper	Ring	J51
	Actuate screw H2	J52
	Actuate screw H4	J50
Free of oil and grease		J85
NACE material test certificate	Sour gas resistance acc. to NACE MR0175;	N78
	Certificate acc. to DIN EN 10204-3.1	
	Sour gas resistance acc. to NACE MR0103;	N77
	Certificate acc. to DIN EN 10204-3.1	
KUB bursting disc		