

FL 441 SP Series



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Flanged standard pressure series suitable for steam, gas and liquid service. They have proven themselves as a universal safety valve for many applications.

Approvals

IBR

CCOE

Industries

- Chemical Industry
- Petrochemical Industry
- Power
- Industrial Gases
- Beverage Industry
- Pharmaceutical Industry

FL 441 SP Series

Datasheet

Product info	Metric unit	US unit
Key feature	Valve meeting ASME requirements, Unique feature of universal trim	Valve meeting ASME requirements, Unique feature of universal trim
Nominal diameter inlet	25 - 200 mm	1" - 8"
Nominal diameter inlet - Flange		
Nominal diameter inlet - Thread		
Orifice	D - T	D - T
Actual orifice area A_0	415.27 - 21382 mm ²	0.644 - 33.14 in ²
Actual orifice diameter d_0		
Set Pressure	0.5 - 40 bar	7.25 - 568.8 psig
Flange rating inlet	PN 10 - PN 40	CL150, CL300, CL600
Temperature acc. to DIN EN	-268 - 540 °C	-450 - 1000 °F
Temperature acc. to ASME		
Material outlet body		
Body material		WCB, WC6, CF8M, AISI 316L
Valve connection	Flange acc. to DIN EN 1092-1 or ASME B16.5	Flange acc. to DIN EN 1092-1 or ASME B16.5
Bellows	Stainless Steel	Stainless Steel
Approvals	IBR, CCOE, Any TPI upon request	IBR, CCOE, Any TPI upon request
Type of loading	Spring loaded	Spring loaded

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Options

Feature	Option Code
Disc	O-ring disc
Seat/nozzle	Stellited nozzle and disc
Test gag	Test gag
Bonnet	Open bonnet Closed bonnet
Drain plug	Drain plug
Caps and levers	Screwed closed cap Screwed lifting lever cap
Cooling spacer	Cooling spacer
Jacket type	Jacket type