

FL 549 Series



## FL 549 Series

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Safety valve for gas, liquid or steam. Also for thermal relief application. Available in screwed and flanged connection for all utility valves.

### Approvals

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CCOE

### Industries

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

FL 549 Series

## Datasheet

Product info	Metric unit	US unit
Key feature	Compact design, high capacity suitable for steam, gas and liquids	Compact design, high capacity suitable for steam, gas and liquids
Nominal diameter inlet		
Nominal diameter inlet - Flange	DN 15 - DN 40	1/2" - 1 1/2"
Nominal diameter inlet - Thread	15 - 40 mm	1/2" - 1 1/2"
Orifice		
Actual orifice area $A_0$	50.24 - 201 mm <sup>2</sup>	0.07 - 0.312 in <sup>2</sup>
Actual orifice diameter $d_0$	8 - 16 mm	0.31 - 0.62 in
Set Pressure	0.49 - 250 bar	6.96 - 3555 psig
Pressure		
Flange rating inlet	PN 10 - PN 250/ 400	CL150 - CL2500
Temperature acc. to DIN EN	-268 - 427 °C	-450 - 800 °F
Temperature acc. to ASME		
Material outlet body		WCB, CF8M, CF8
Material inlet body		SS 316, Hastelloy, Monel
Body material		
Valve connection	Flange acc. to DIN EN 1092-1 or ASME B16.5 Screwed connections: BSP, BSPT NPT, Metric thread (M15)	Flange acc. to DIN EN 1092-1 or ASME B16.5 Screwed connections: BSP, BSPT NPT, Metric thread (M15)
Bellows		
Approvals	CCOE, any TPI upon request	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 inlet (seat) 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
Jacket type	Jacket type