

FL 441 HP Series



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Flanged high pressure series for steam, gas or liquid service

Approvals

IBR

CCOE

Industries

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

FL 441 HP Series

Datasheet

Product info	Metric unit	US unit
Key feature	Suitable for high pressures	Suitable for high pressures
Nominal diameter inlet	25 - 100 mm	1" - 4"
Nominal diameter inlet - Flange		
Nominal diameter inlet - Thread		
Orifice	D - P	D - P
Actual orifice area A_0	254.34 - 4298.66 mm ²	0.384 - 6.601 in ²
Actual orifice diameter d_0		
Set Pressure	40.5 - 250 bar	576 - 3555 psig
Flange rating inlet	PN 10 - PN 400	CL150 - CL2500
Temperature acc. to DIN EN	-268 - 540 °C	-450 - 1000 °F
Temperature acc. to ASME		
Material outlet body		
Body material		WCB, WC6, CF8M
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		
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
Cooling spacer	Cooling spacer
Jacket type	Jacket type