

Type 441 CC

LESER High Performance safety valves
for steam applications.



Type 441 CC

Always close to the customer

LESER is well known steam expert and worldwide known as a leading supplier to boiler companies as Valmet, Amec Foster Wheeler (now Sumitomo), Velde and many more. Since we have steadily intensified our local investment activities, we offer our Chinese Configuration (CC) of Type 441 for steam applications.

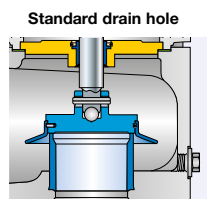
LESER safety valves for steam applications

Due to local production and local stock we can realize delivery times as short as one week. To meet the technical needs for steam applications such as boiler, heat exchanger and steam lines, we provide a special steam configuration for our well proven high capacity safety valve with the following features:

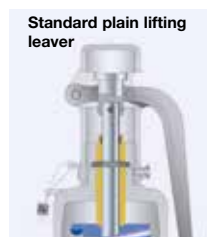
- Special machined sealing surfaces for durable tightness
- open bonnet to cool the spring
- plain lifting lever for easy check of clearance
- drain hole for the self draining body

LESER - A Chinese player

As a manufacturer fully focused on safety valves, we are serving the Chinese market for more than 25 years. Today we are able to provide services in Chinese language everywhere in the country from three regional offices located in Tianjin, Beijing and Shanghai. From there we are already serving Chinese manufacturer in the steam business as Hangzhou Boiler, Changzhou Huali, Jiangsu ShuangLiang, Zhejiang TUFF, Zhangjiagang Greens-shazhou and Wuxi Xineng.



Standard drain hole



Standard plain lifting lever



Standard open bonnet

Data and Facts

Material

0.7043
1.0619

Valve Sizes

DN 20 - DN 100

Pressure Ratings

PN 16 - PN 40

Certificates

TS

Delivery times

1 week for the Chinese Configuration depending on quantity and size

Added value

- Short delivery times due to local production and stock
- Customer service in Chinese
- Local After Sales Service for spare parts and repairs
- Local plant emergency service




Product Range

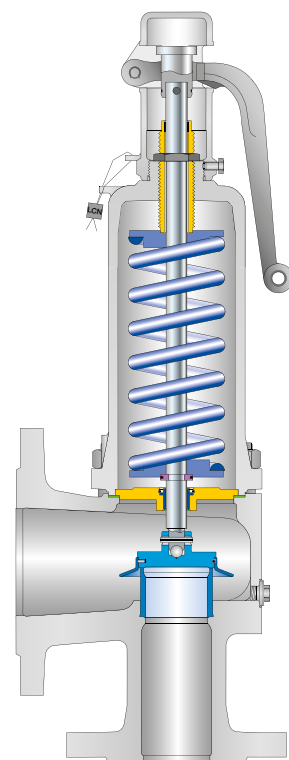
	DN _i	20	25	32	40	50	65	80	100	
	DN _o	40	40	50	65	80	100	125	150	
	Actual Orifice diameter d _o [mm]	18	23	29	37	46	60	74	92	
	Actual Orifice area A _o [mm ²]	254	416	661	1075	1662	2827	4301	6648	
Body material: 0.7043 (ductile Gr. 60-40-18) / 1.0619 (WCB)										
Bonnet open	H3	Art. No. 4410.	1012	1022	1032	1042	1052	1062	1072	1082
closed	H4	Art. No. 4410.								

Available options

Technical Details

High Performance – Series 441 CC

Nominal Diameter at Inlet	DN 20 - DN 100
Actual Orifice Diameter d _o	18 mm - 92 mm 0.71 - 3.62 inch
Actual Orifice Area A _o	254 - 6,648 mm ² 0.394 - 10.304 inch ²
Pressure	0,1 - 40 bar 1.5 psig - 580.15 psig
Temperature (in accordance with DIN EN)	-85 °C to 450 °C -121 °F to 842 °F
Body material	0.7043 1.0619
Valve connection	Flange in accordance with DIN EN 1092
Approvals	  
Delivery time	Delivery Times of 1 week for the Chinese Configuration



Additional Products



API



Compact Performance



High Performance



High Efficiency



Clean Service



Best Availability Change-over Valve

526, 526 CC	459 CC, 237 CC, 459, 437	441	810, 820	48x	320, 330
DN 20 to DN 200	DN 15 to DN 40	DN 20 to DN 400	DN 25 to DN 200	DN 25 to DN 100	DN 25 to DN 400
1" to 8"	3/8" to 1 1/2"	3/4" to 16"	1" to 8"	1" to 4"	1" to 16"
0.12 to 413.8 bar	0.1 to 850 bar	0.1 to 300 bar	2.5 to 426 bar	0.1 to 68 bar	PN 10 to PN 160

Flyer Steam Applications
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LESER

LESER - The Safety Valve

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