

# OEM Companies

## LESER Industry Solution

OEMs (Original Equipment Manufacturers) require high quality, easy ordering, special solutions and global approvals. LESER safety valves are installed in compressors, heat exchangers, CO<sub>2</sub>-tanks, blowers or pumps and help to provide overpressure protection for personnel and equipment.

Safety valves provide overpressure protection e.g. for:

- Vessels and other process equipment in case of unexpected malfunction
- Piping systems against thermal expansion
- Pumps, compressors and blowers



### Customers

- Aerzner GmbH & Co. KG
- Alstom S.A.
- Atlas Copco AB
- Enerflex Systems Ltd.
- Herrenknecht AG
- Joh. Heinr. Bornemann GmbH
- Pall Corporation
- Siemens AG
- Tetra Pak S.A.

## LESER Product Solution

### High Performance

Product Features	Benefits
<ul style="list-style-type: none"><li>• Valve sizes from DN 20 to DN 400, 3/4" to 16"</li><li>• Materials: 0.6025, 0.7043, 1.0619 / WCB, 1.4408 / CF8M, 1.7357 / WC6</li><li>• Flange connections according to DIN EN, ASME and other</li><li>• Single trim for steam, gas and liquid</li><li>• Standard metal sealing, stellited, or O-ring disc for superior tightness</li><li>• Optional bellows design available</li><li>• Temperature: -270 °C to +550 °C</li><li>• Set pressure from 0.1 bar to 300 bar</li></ul>	<ul style="list-style-type: none"><li>• High capacity compared to API safety valves enables smaller valve size and lower investment costs</li><li>• Easy adaptation to respective application due to great variety of options</li><li>• Lower total cost of ownership based on optimised design</li><li>• No dirt disposition due to self draining body</li><li>• Simple and sturdy design for high reliability and maintainability</li></ul>



Series 441

### Compact Performance

Product Features	Benefits
<ul style="list-style-type: none"><li>• Valve sizes from 3/8" to 1 1/2"</li><li>• Materials: 0.7043, 1.0619 / WCB, 1.4404 / 316L, 1.4408 / CF8M, high alloys</li><li>• Threaded or flanged connections</li><li>• Standard metal seat, stellited, O-ring or sealing plate for improved seat tightness</li><li>• Optional bellows design available</li><li>• Temperature: -270 °C to +538 °C</li><li>• Single trim for steam, gas and liquid</li><li>• Set pressure from 0.1 bar to 850 bar</li></ul>	<ul style="list-style-type: none"><li>• Great variety of threaded and flanged connections for high flexibility (including Swagelok®)</li><li>• High capacity relative to the safety valve size for maximised efficiency</li><li>• Bellows design for back pressure and corrosive applications</li><li>• Vulcanized and sealing plate seating options to meet application requirements</li><li>• Self draining body for less corrosion</li></ul>




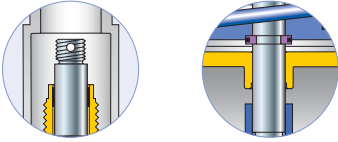
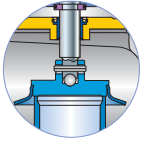
Series 459




Series 437

# LESER

The-Safety-Valve.com

# Advantages

Feature	Non-upright Installation	Guided Spindle	Single Trim
			
<b>Benefit</b>	<ul style="list-style-type: none"> <li>• Space saving installation</li> <li>• High flexibility of equipment design</li> <li>• Type test approval for Series 437 available. Most others possible for &gt; 3 bar</li> </ul>	<ul style="list-style-type: none"> <li>• Two point guiding enables less friction and less galling</li> <li>• Better alignment</li> <li>• Easier assembly for maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Same parts for all services for easier maintenance</li> <li>• No changes for ASME, PED or AQSIIQ approval</li> <li>• Less parts reduce spare part stock</li> </ul>

Feature	Broad Product Range	Documentation	Made in Germany; Assembled Locally
			
<b>Benefit</b>	<ul style="list-style-type: none"> <li>• Solutions for all industrial applications for steam, gas and liquid</li> <li>• Facilitates coordinated planning, delivery and sizing from one source</li> <li>• Highest flexibility for implementing special solutions</li> </ul>	<ul style="list-style-type: none"> <li>• Documentation for worldwide applicability acc. to the common standards as standard</li> <li>• Certificates, 2D and 3D images available online</li> <li>• Online documentation available for new and older purchases</li> </ul>	<ul style="list-style-type: none"> <li>• All products exclusively made in Germany</li> <li>• Large local stocks for short delivery times</li> <li>• In cases of an emergency same day delivery possible</li> </ul>

# Additional Products



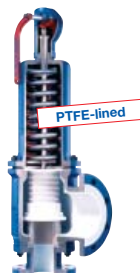
API



Modulate Action



High Efficiency



Critical Service



Clean Service



Best Availability Change-over Valve

526	429, 433	810, 820	447, 449, 546	48x	310, 311 XXL
DN 25 to DN 200	DN 15 to DN 150	DN 25 to DN 200	DN 25 to DN 100	DN 25 to DN 100	DN 25 to DN 500
1" to 8"	1/2" to 6"	1" to 8"	1" to 4"	1" to 4"	1" to 20"
0.1 to 414 bar	0.2 to 160 bar	2.5 to 63 bar	0.1 to 16 bar	0.1 to 68 bar	PN 10 to PN 160

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Your local partner:

# Worldwide Approvals

Europe	ISO 4126-1 / -4
Germany	AD 2000-Merkblatt A2
United States	ASME Sec. VIII Div. 1
Canada	CRN
China	AQSIIQ
Russia	ROSTECHNADZOR / GOST R

For further information visit [www.leser.com](http://www.leser.com)



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