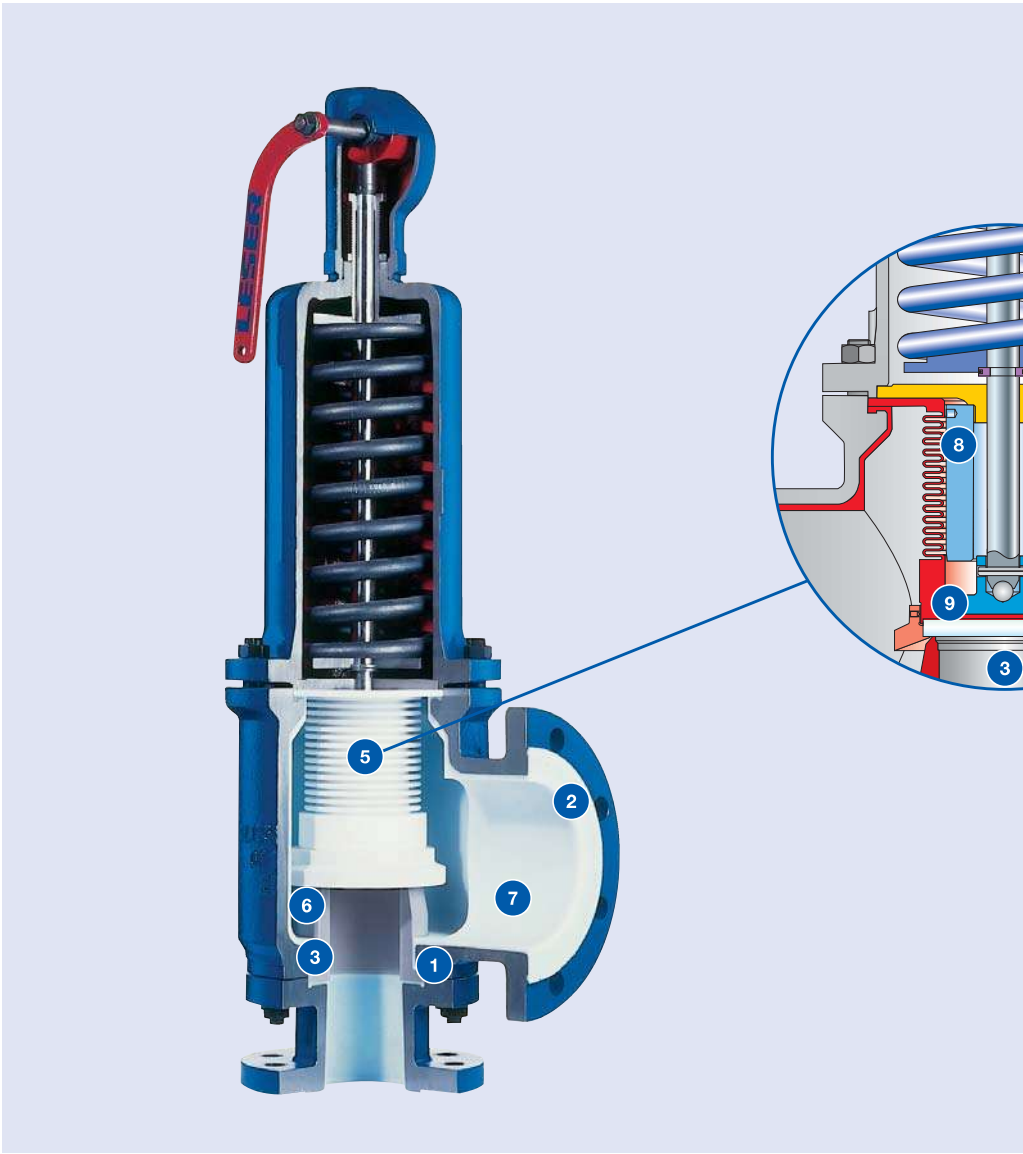
Configuration features

Design features – Type 447



Design features

Item	Component	Information

Configuration features

Isostatic pressing method

Linings made of isostatic PTFE have successfully proven themselves everywhere where extremely aggressive media is processed. The PTFE lining for cast or metal bodies is produced using following the isostatic compression moulding process.

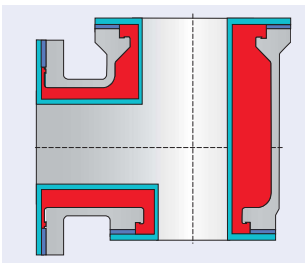
Type 447 casing components are fully lined with high-quality virgin PTFE-TF, exclusively using the reliable isostatic process. Compared to other lining processes like injection moulding methods, the process reliability of the isostatic process guarantees to avoid lining flaws like stress cracks, pores, blow-holes, internal flaws due to varying shrinkage and internal stress.

Due to the isostatic man
outstanding vacuum sea
wall thicknesses. The le
voltage breakdown test

PTFE-lined bodies are r
steps:

– Preparation for lining
– Lining by a sintering pr
– Final machining

Main production steps

	Information
Preparation for lining	
	Machinir coated. I sand bla
Lining with a sintering process	
	Press m to be lin
	The boc all direc compac the rou This res connec Afterwa the linin
Final machining	