



DELTA SI 2

The spring-loaded full-stroke safety valves DELTA SI 2 are approved for use with fluids and gases. They are used wherever vessels or tanks need to be safeguarded against over-pressure. The hygienic design makes it ideal for applications in the dairy, beverage and brewing industries, as well as the chemical and pharmaceutical industries.

Characteristic

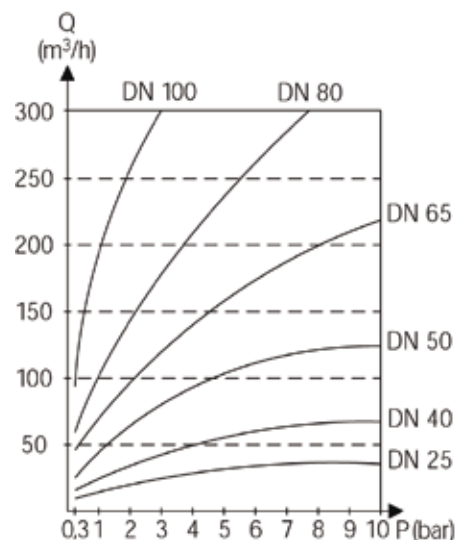
The TÜV-approved safety valves meet the requirements of the pressure tank regulations in AD instruction folder A2 and the VdTÜV instruction folder. The housing is as per AD instruction folder A4 and RB 801 No. 45.

Features and benefits

- Surface roughness of the product-contact parts RA<0,8 mm. Hygienic design. Easy and quick to clean
- Pneumatic seat lifter
- Can also be changed on site
- Provides feature of remote function check.
- Seal replacement possible without removing the lead seal No need to return the valve to the factory
- Name plate stating
- TÜV type, test approval, number, pick-up pressure etc.
- CIP nozzle is inside the CIP-cleaning adapter
- The valve can be cleaned up to the valve stem
- Easy maintenance
- Seal replacement can be done without removing the lead seal and changing the gasket can be done by only removing the insert

Option

- Manual seat lifter



Medium:

Water(T=20°C) type test approved in accordance with AD-2000 $\alpha=0.49$. In case of fluids with densities other than that of water, the flow changes to be derived by the factor:

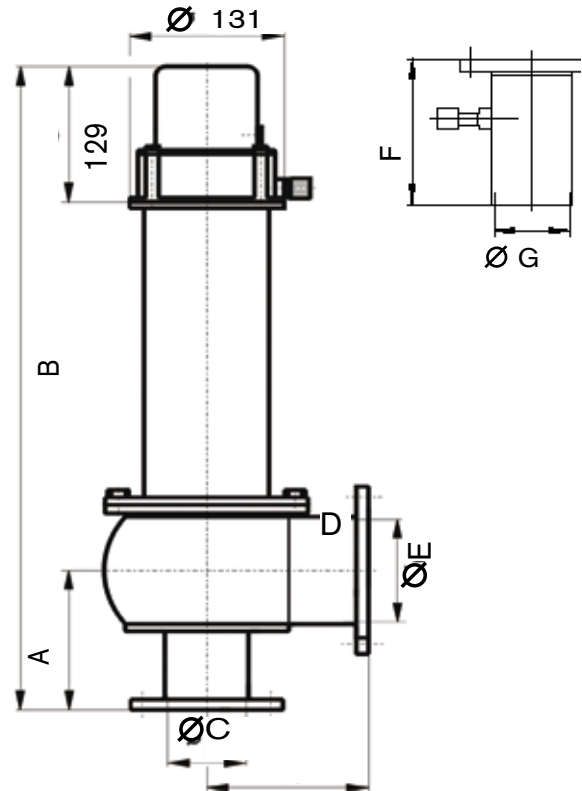
$$f = \sqrt{\frac{\rho(\text{water})}{\rho(\text{actual medium})}}$$

Technical data

Sizes	DN25 - 100
Product line pressure	10 bar
Product wetted parts	AISI 316L (1.4404)
Max. temperature	EPDM / HNBR 135°C (short time 140°C) VMQ 135°C not to be used for hot water FPM 135°C not to be used for steam
Control air pressure For seat lift cylinder	Min 6 bar, Max 10 bar
Connecting flanges and valve housing	with 3.1.B certificate

Dimensions in mm					
DN	A	B	Ø C	D	Ø E
25	96	468	26	96	50
40	109	531	38	109	66
50	122	550	50	122	81
65	135	622	66	135	100
80	154	697	81	157	125
100	174	729	100	177	150

CIP - Cleaning Adapter S12		
DN	F	Ø G
25	140	38
40	99	38
50	99	50
65	99	66
80	99	81
100	99	100



SPX
WHERE IDEAS MEET INDUSTRY

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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

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Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.