



# DELTA RUF

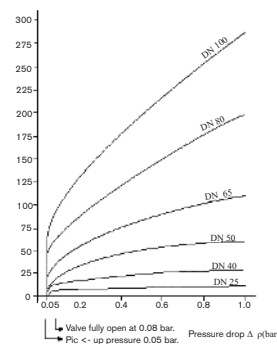
Thanks to the high operational safety, compact and maintenance free design, DELTA RUF non-return valves are used in places where a backflow of product in pipelines must be avoided. This task is reliably achieved by the DELTA RUF valves. The valves are found in breweries and dairies as well as within the chemical and pharmaceutical industries.

## Characteristics

The DELTA RUF non-return valve opens as soon as the pressure under the valve seat exceeds the counter pressure. When the pressure is balanced the valve closes by spring action, so that in case of pressure increase the valve closes on the spring side.

## Features and Benefits

- Minimum flow resistance/pressure drop
- Smooth flow due to ball-shaped valve body
- Minimum pick-up pressure at 0.73 psig / 0.05 bar
- Full opening cross-section at 1.16 psig / 0.08 bar
- Designed for CIP cleaning
- Soft seat seal
- Can operate in horizontal or vertical position
- Inter-flange design
- Special profile seals (eliminate gaps)
- DELTA RUF is designed for direct welding into process piping



This diagram shows the flow characteristics depending on the pressure drop

## Technical Data

Sizes	DN25-100 and 1"-4" (25 - 100mm)
Product wetted parts	1.4404 (AISI 316L)
Seal materials	EPDM, HNBR, FPM, VMQ All seals comply with the FDA requirements
Max. temperature	EPDM / HNBR 275°F / 135°C (short time 284°F / 140°C) VMQ 275°F / 135°C not to be used for hot water FPM 275°F / 135°C not to be used for steam
Max. line pressure	145 psig / 10 bar

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Phone: (888) 278-4321 Email: [answers.us@apv.com](mailto:answers.us@apv.com)

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Issued: 01/2009 8017-01-08-2008-US

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