



DELTA UF / UFR

To protect installations against excess pressure APV is offering the DELTA UF/UFR relief valves. The valves have been developed in a way, that if the set pressure is exceeded, the valves open and if the value drops more than 20% of the set point, the valves close.

Characteristics

With the DELTA UF spring loaded valves the set pressure is adjusted, corrected or changed using the setting screw. This setting can be checked at any time with a pressure gauge.

If the pressure is to be kept constant – closing pressure = response pressure – the DELTA UFR relief valve with modulating cone should be used.

Features and benefits

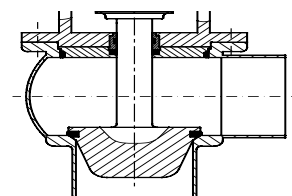
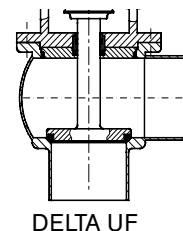
- Ball shaped valve body with smooth passages, i.e. no sump and dome, enabling optimum cleaning.
- Seat lifting actuator with feed-back switches in the yoke
- No stroke limitation by the seat lift actuator and thus full opening cross section available during cleaning.
- Profile seals with identification and 3A certification
Metallic stop as protection against wear of seat

Simple maintenance

The DELTA UF/UFR is particularly easy to service. Only 4 bolts to be loosened and the valve insert can be lifted out. The valve only has a few gaskets and to ensure a quick and safe mounting of seat seal an assembling tool is available. Furthermore, the seat lift actuator is maintenance free.

Technical data

| Sizes | DN25 - DN100 and ISO 1" - 4" |
|-----------------------------|---|
| Product wetted parts | 1.4404 / AISI 316LSI 316L |
| Non-product wetted parts | 1.4301 / AISI 304 |
| Seal materials requirements | EPDM, FPM, Silicone All seals comply with the FDA |
| 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 |
| Surfaces | Internal finish: Ground Ra < 1,6µm External finish: Glass blasted |
| Pressure range | DELTA UF DN25/1" - DN80/3": 0 - 10 bar DN100/4": 0 - 8,3 bar DELTA UFR DN25/1" - DN80/3": 0 - 10 bar DN100/4": 0 - 7,7 bar |



DELTA UFR relief valve with modulating cone to keep the pressure constant.