For waste water

Function
These non-return valves are used in sewage pipelines. They prevent the backflow of the water to the pumps, thus preventing the emptying of the pipeline.

Advantages
- Low pressure loss (full bore)
- Safe operation, no danger of clogging due to swimming solids
- Can be also used at low operating pressures
- Cover easily removable for maintenance
- Horizontal and vertical use even when placed above the pipeline
- Self-cleaning ball

Mounting position
- Flange ISO PN 10
- Flow calming area = 3 x ND

Design
- Body: FGS 400-15
- Cover: FGS 400-15
- Cover gasket: Nitrile
- Balls: DN 50 to 250 Aluminium, Nitrile coated
- DN 300 and 350 Cast iron, Nitrile coated
- Coating: Epoxy powder 70 µ
- Screws: Stainless steel

Technical features
- Connection flange: ISO PN 10
- Operating pressure: 10 bar
- Test pressure: 16 bar
- Operating temperature: from -10 °C to +80 °C

Options
- Reinforced Epoxy coating
- Swimming ball
- Other flange connections available

Dimensions and weights

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<th>B</th>
<th>C</th>
<th>D</th>
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Manufacturing tolerances not taken into account.

Subject to change without prior notice.
Pressure loss diagram

Flow rate in m³/h

Pressure loss in m water column