

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

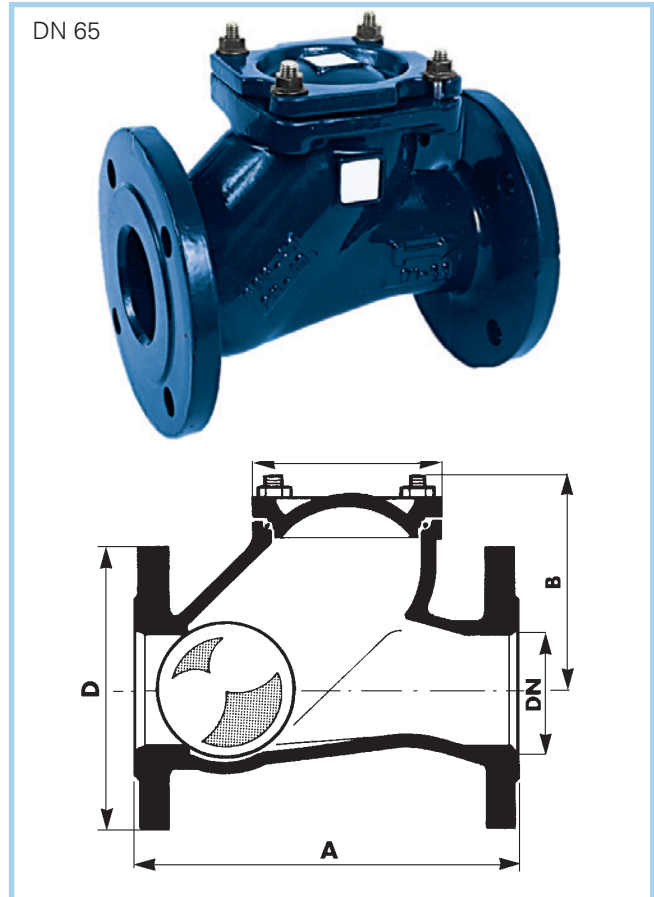
- Flange ISO PN 10
- Flow calming area = 3 x DN

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

DN in mm	A in mm	B in mm	C in mm	D in mm	Kv	Weight in kg
50	200	117.5	95	165	90	8.5
65	240	137.5	114	185	140	12
80	260	160	128	200	253	15
100	300	195	160	220	396	22
125	350	225	200	250	642	34
150	400	267.5	230	285	962	45
200	500	330	320	340	1990	80
250	600	420	414	400	3100	135
300	700	475	460	450	4100	200
350	850	567.5	596	505	5050	300

Pressure loss diagram

