

# VS 108

## Cutaway model: water meter



### Learning objectives/experiments

- familiarization with the construction and functionality of all parts

### Specification

- [1] cutaway model of a water meter
- [2] mounted on display panel
- [3] functionality of moving parts preserved

### Technical data

#### Water meter

- nominal flow rate:  $15\text{m}^3/\text{h}$
- nominal diameter: DN50
- pressure class: MAP 16bar
- installation length 270mm
- flow media: cold water (temperature maximum  $50^\circ\text{C}$ )
- material: grey cast iron/ steel

LxWxH: 500x370x400mm

Weight: approx. 12kg

### Scope of delivery

- 1 cutaway model
- 1 description
- 1 sectional view

### Description

#### ■ cutaway model of a standard water meter

The cutaway models illustrate commercial components used for drinking water and gas plumbing, such as shut-off fittings, backflow prevention valves and volumetric totalisers.

The location of the cuts allow the design details to be clearly seen.

The models are clearly laid out on display panels or base plates.

A short description and a sectional view are included, so the models can also be used for technical drawing exercises.