

# VS 101

## Cutaway model: underground hydrant



### Learning objectives/experiments

- familiarization with the construction and functionality of all parts

### Specification

- [1] cutaway model of an underground hydrant
- [2] mounted on base plate
- [3] functionality of moving parts preserved

### Technical data

Flange fitting: DN80  
Material: grey cast iron/steel

Underground hydrant

- nominal pressure: 16bar
- nominal output: 136m<sup>3</sup>/h
- nominal size: DN80
- operating temperature: 50°C
- revolutions before start of flow: 3,5
- revolutions before complete opening: 9 ±1

LxWxH: 400x400x810mm  
Weight: approx. 35kg

### Scope of delivery

- 1 cutaway model
- 1 description
- 1 sectional view

### Description

#### ■ cutaway model of an underground hydrant

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.