

HM 700.01

Cutaway model: standard orifice plate



Learning objectives/experiments

- familiarization with the construction and functionality of all parts

Specification

- [1] cutaway model of an orifice plate
- [2] equipped with flange fittings
- [3] mounted on display panel
- [4] contrasting colouring of parts to highlight internal details

Technical data

Flange fittings: DN50
Material: gun metal/steel

Standard orifice plate

- nominal pressure: PN16
- nominal diameter: DN50
- installation length: 65mm
- constriction: \varnothing 28mm
- flow media: steam, gas, fluids

LxWxH: 400x370x300mm

Weight: approx. 15kg

Scope of delivery

- 1 cutaway model
- 1 description
- 1 sectional view

Description

■ cutaway model of a standard orifice plate

The cutaway models are actual fittings and components as used in real pipe-work installations, e.g. valves, an orifice plate, a measuring nozzle, shut-off fittings, a safety valve and pumps.

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.