

# HM 700.22

Cutaway model: gear pump



## Learning objectives/experiments

- familiarization with the construction and functionality of all parts

## Specification

- [1] cutaway model of a gear pump
- [2] equipped with flange fittings
- [3] mounted on base plate
- [4] functionality of moving parts preserved

## Technical data

Gear pump

- intake side connection: 1"
- delivery side connection: 1"
- flow rate: 60cm<sup>3</sup>/revolution
- speed (depending on the viscosity of the fluid): max. 1000min<sup>-1</sup>
- material: grey cast iron/steel

LxWxH: 350x300x300mm

Weight: approx. 18kg

## Scope of delivery

- 1 cutaway model
- 1 description
- 1 sectional view

## Description

### ■ cutaway model of a gear pump

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.