

HM 700.17

Cutaway model: centrifugal pump



Learning objectives/experiments

- familiarization with the construction and functionality of all parts

Specification

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

Technical data

Centrifugal pump

- intake fitting connection: DN50
- pressure fitting connection: DN32
- flow rate max. approx.: 21,5m³/h
- head max. approx.: 21,5m
- operating pressure max.: 10bar
- speed: 2900min⁻¹
- material: grey cast iron/steel

LxWxH: 500x400x300mm

Weight: approx. 29kg

Scope of delivery

- 1 cutaway model
- 1 description
- 1 sectional view

Description

■ cutaway model of a centrifugal 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.