

## ET 499.03

### Cutaway model: open refrigerant compressor, 2-cylinder



#### Learning objectives/experiments

- layout and function of an open refrigerant compressor

#### Specification

- [1] cutaway model of an open refrigerant compressor
- [2] mounted on base plate
- [3] functionality of moving parts preserved

#### Technical data

Two-cylinder compressor

- speed: 545...1060min<sup>-1</sup>
- number of cylinders: 2
- max. displaced volume: 1,8m<sup>3</sup>/h  
(at 1060min<sup>-1</sup> motor speed)
- oil content: 0,35dm<sup>3</sup>

LxWxH: 195x210x190mm

Weight: approx. 11kg

#### Scope of delivery

- 1 cutaway model
- 1 description

#### Description

##### ■ cutaway model of an industrial refrigerant compressor

The cutaway models illustrate commercial components used in the field of refrigeration engineering, such as compressors, valves, driers and liquid separators.

The location of the cuts allows the design details to be clearly seen. A short description and a sectional view are included, so the models can also be used for technical drawing exercises.

The larger cutaway models are mounted on a base plate. Two handles aid transportation.