

## ET 499.02

### Cutaway model: semi-hermetic refrigerant compressor



#### Learning objectives/experiments

- layout and function of a semi-hermetic refrigerant compressor

#### Specification

- [1] cutaway model of a semi-hermetic refrigerant compressor
- [2] functionality of moving parts preserved

#### Technical data

Semi-hermetic compressor

- nominal speed: 1450min<sup>-1</sup>
- number of cylinders: 2
- max. displaced volume: 3,96m<sup>3</sup>/h
- operating pressure max.: 28bar
- oil content: 0,65L

LxWxH: 365x235x280mm

Weight: approx. 41kg

#### Scope of delivery

- 1 cutaway model
- 1 description

#### Description

- **cutaway model of an industrial semi-hermetic 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 is included.

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