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^{-1}
- number of cylinders: 2
- max. displaced volume: 3,96m^3/h
- operating pressuremax.: 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 locations of the cuts allow 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.