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: 1450 min\(^{-1}\)
- number of cylinders: 2
- max. displaced volume: 3.96 m\(^3\)/h
- operating pressure max.: 28 bar
- oil content: 0.65 L

LxWxH: 365x235x280 mm
Weight: approx. 41 kg

Scope of delivery

1 cutaway model
1 description

Description

- cutaway model of an industrial semi-hermetic refrigerant compressor

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

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.