

# PROJECT INFORMATION

*By developing and manufacturing special technical solutions we are creating innovations for solving our customers' problems. Corresponding to their requirements we develop and manufacture different kinds of transformers, voltage stabilizers, chokes, power supply units and power resistors.*

*Thanks to higher quality, longer service life and lower operational costs RUHSTRAT technology brings you ahead with all kinds of application.*

## Three-Phase Variable Transformer Aggregate

This project is about a three-phase variable transformer aggregate consisting of a variable column transformer and a subsequently added limb core transformer. The variable transformer aggregate is used in a test field for testing reciprocating compressors which are used in the refrigerating and air-conditioning technology.

During the tests the compressors are loaded with high currents and high voltages in short circuit, by means of the variable transformer aggregate. The voltage range is 0 to 550 V. The output current is 561 A.

### Three-Phase Variable Transformer Aggregate

rated power	534 kVA
rated input voltage	380V / 50Hz
rated output voltage	0 to 550V
rated output current	561 A
cooling	AN
degree of protection	IP20

