

Spark® Generator

Our SPARK® -GENERATOR

(Spark: Permanently energized synchronous generator)

Conventionally built three-phase current machines working synchronously show several disadvantages - these disadvantages are avoided here by the special arrangement and the structure of our rotors and stators.

The SPARK® -GENERATOR allows to run the plant rotor speed variably. By the use of this newly developed machine, essentially technical advantages arise:

- convenient run-up conduct and a low noise factor
- high electrical efficiency level
- outstanding power- and energy density with regard to the structure volume and the weight
- reduction of the harmonics strain to a hardly measurable minimum