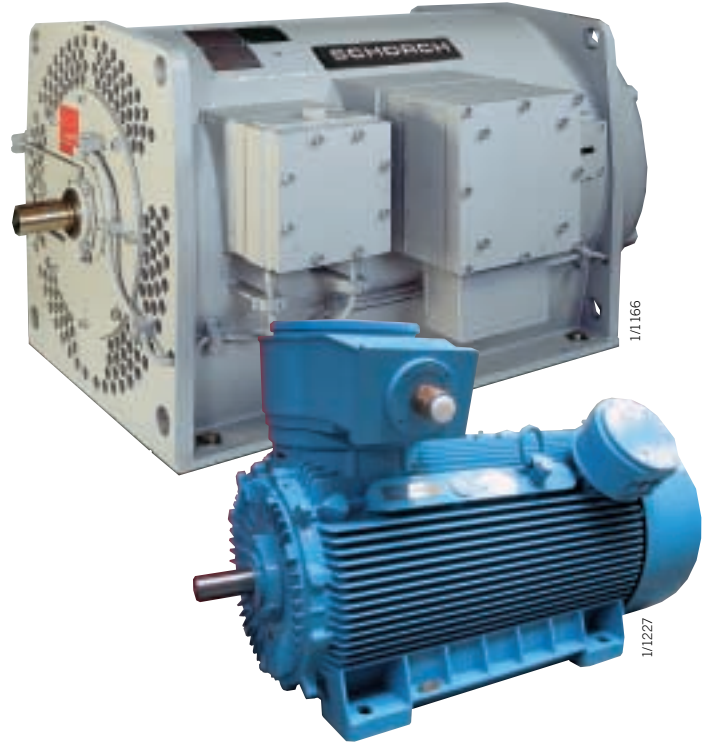


## Design

- To relevant standards IEC, VDE, DIN, ISO, EN
- Degree of protection IP55, possible up to IP65, Cooling methods IC411 (rib-cooled) and IC 511 (tube-cooled)
- Type of protection Exd(e) IIA, B or C T4 to EN 60079-1
- Terminal boxes also available to degree of protection Exd IIC
- Rated voltages from 2 kV to 11 kV
- Rated frequency 50 Hz or 60 Hz
- Converter-fed or connected to the system
- Number of poles 2p=2 to 20 (others on request)
- Construction IM B3 and IM V1 (others on request)
- Design can be modified to meet customer's specification
- Motors can be designed for voltages < 1,000 V or for converter-fed operation



### New marking since July 01, 2003

As a result of the certification procedure in accordance with the EG Ex Guideline 94/9/EG/ATEX 100 a and the ensuing CE marking, the following marking will have to be used for electrical apparatus:

- CE CE marking
- 123 Identification number of the notified body
- Ex Marking for explosion protection
- II Equipment group
- 2 Category (Zone 0, 1, 2)
- G Explosive atmosphere (G, D)
- Ex Explosion protection
- d Type of protection (p, d, e)
- IIB Explosion Group (A, B, C)
- T3 Thermal Class (T1 to T6)

All our motors are certified accordingly.

### Rated outputs at 6 kV 50 Hz

