

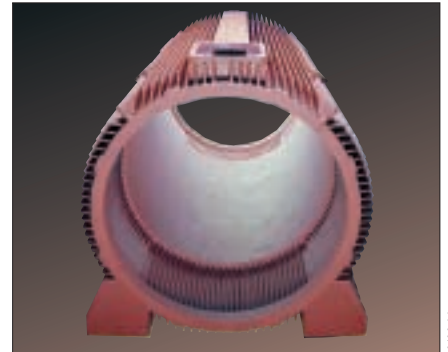
Frame and Corrosion protection

Frame

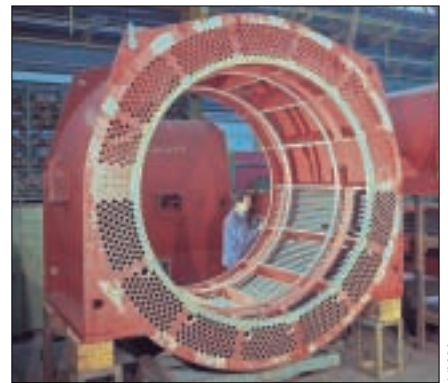
Rib-cooled design: Frame and endshields are made of spheroidal cast iron (EN-GJS-400-15). By means of the segmental arrangement of the cooling ribs and the asymmetrical position of the terminal box the cooling surface of the frame is enlarged as far as this is possible.

Tube-cooled design: The frame is a compact and rigid fabricated construction. It consists basically of two face plates connected by strong axial bars. These bars are braced against each other and are connected to the frame mantle. With horizontal machines, further rigidity is provided by the motor feet. The stainless-steel cooling tubes are expanded into the face plates.

Both frame designs are torsionally rigid and vibration-resistant. They are mechanically strengthened in accordance with the relevant rules for explosion-protected machines.



1/1144



1.0889



1/0612



Corrosion protection

Schorch paint systems are well tried and tested. They do not contain any lead, heavy metals or silicone.

Where operating and site conditions are stated in the order, we can provide a corrosion protection which we can guarantee for two years.

Prior to painting - either by flooding or spraying - all surfaces are thoroughly sand-blasted.

With basic-design machines, the paint system consists of a coat of primer, an intermediate and a finishing coat; standard shade is RAL 7031.

This paint system is suitable for both indoor and outdoor installation, including industrial and sea atmospheres. It is resistant to light, and to temperatures from - 40° C to + 120° C. It is non-porous, elastic, and resistant to shock and wear.

For specific operating and site conditions, special paint systems are available.