

Frame and Corrosion protection

Frame

The frame is a compact, torsionally rigid and vibration-resistant fabricated construction. It consists basically of the end plates and several intermediate rings, connected by axial bars and tubes and, with horizontal machines, the motor feet. Forces, acting on the bearings, are transmitted directly into the substructure via the end-shields. The entire construction is enclosed by a smooth sheet steel mantle.

Slipring motors have a separate slipring housing.



Sandblasting



FL5009

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, 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 (for short periods up to 180 °C), non-porous, and resistant to shock and wear.

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

