LAMINATION STACKS
MADE OF VACOFLUX® X1

FORM OF DELIVERY
Ready to use stator and rotor stacks made of new cost optimized cobalt-iron alloy VACOFLUX X1

LAMINATION THICKNESS
0.2 mm (others on request)

TYPICAL STRIP MATERIAL PROPERTIES
Saturation polarization $J_s$ 2.22 T
Maximum permeability $\mu_{\text{max}}$ > 10,000
Coercivity $H_c$ 50 A/m
Electrical resistivity $\rho_e$ 0.3 $\mu$Ωm
Density $\rho$ 7.90 g/cm³
Saturation magnetostriction + 25 ppm
Curie temperature $T_c$ 940 °C

STACKING TECHNOLOGIES
Prototypes: Wire EDM (VACSTACK technology)
Serial production: Laser-cutting

INSULATION SYSTEM
Based on magnesium oxide

QUALITY CERTIFICATES
Automotive IATF 16949
Aircraft EN 9100