

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 μ_{max}	> 10,000
Coercivity H_c	50 A/m
Electrical resistivity ρ_{el}	0.3 $\mu\Omega\text{m}$
Density ρ	7.90 g/cm ³
Saturation magnetostriction	+ 25 ppm
Curie temperature T_c	940 °C

STACKING TECHNOLOGIES

Prototypes: Wire EDM (VACSTACK technology)
Laser-cutting

Serial production: Stamping

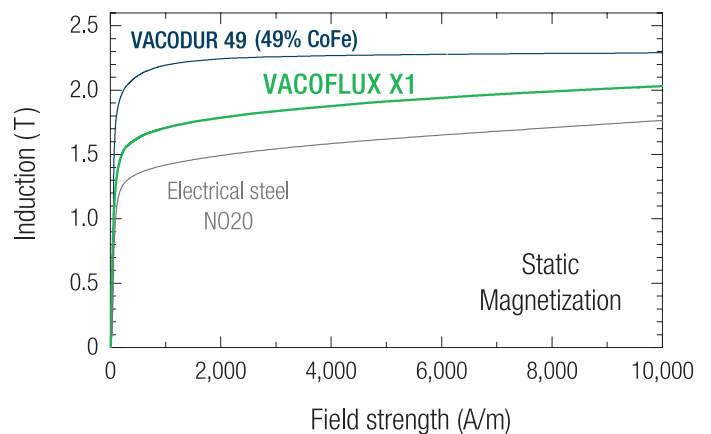
INSULATION SYSTEM

Based on magnesium oxide

QUALITY CERTIFICATES

Automotive IATF 16949

Aircraft EN 9100



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