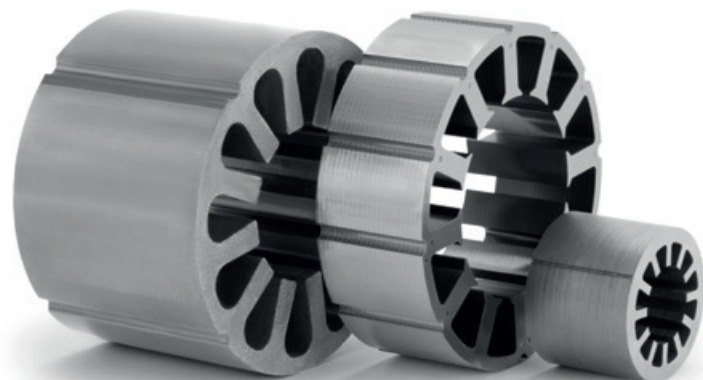


LAMINATION STACKS MADE OF VACOFLUX® X1



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

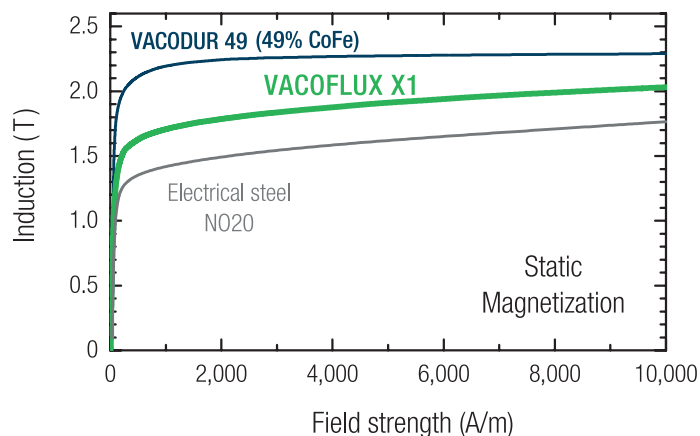
Prototypes:	Wire EDM (VACSTACK technology) Laser-cutting
Serial production:	Stamping

INSULATION SYSTEM

Based on magnesium oxide

QUALITY CERTIFICATES

Automotive IATF 16949
Aircraft EN 9100



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Published by VACUUMSCHMELZE GmbH & Co. KG, Hanau
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**ADVANCED MAGNETIC SOLUTIONS**