

CASE STUDY – ELECTRICAL STEEL VS. COBALT-IRON

HIGH PERFORMANCE PERMANENT MAGNET MOTOR

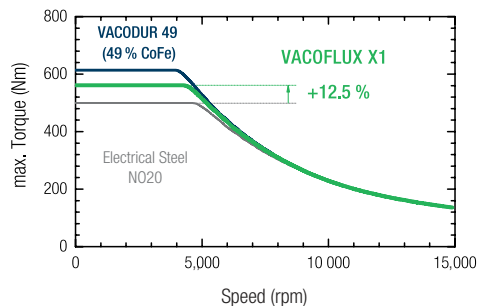
MADE BY



Powered by new cost optimized alloy VACOFLUX® X1

MOTOR DATA

- Max. power 250 kW
- Weight 92 kg
- Power density 2.7 kW/kg
- Torque density 6.1 Nm/kg



Cobalt-Iron Alloys for High Performance Motors: drivetek ag, Switzerland

ADVANCED MAGNETIC SOLUTIONS

VAC[®]
VACUUMSCHMELZE

VACUUMSCHMELZE GMBH & CO. KG

Grüner Weg 37

D 63450 Hanau / Germany

Phone +49 6181 38 0

Fax +49 6181 38 2645

info@vacuumschmelze.com

www.vacuumschmelze.com

VACUUMSCHMELZE CHINA MAGNETICS

Shanghai Sales Office

Room 06, 19F

Zhongrong Hengrui International Plaza

620 Zhangyang Road, Pudong District

Shanghai, PRC 200122

Phone +86 21 58 31 98 37

Fax +86 21 58 31 99 37

vac_china@vacuumschmelze.com

VAC MAGNETICS LLC

2935 Dolphin Drive

Suite 103

Elizabethtown, KY 42701

Phone +1 270 769 1333

Fax +1 270 769 3118

info-usa@vacmagnetics.com

Published by VACUUMSCHMELZE GmbH & Co. KG, Hanau, January 2022

© VACUUMSCHMELZE GmbH & Co. KG 2021. All rights reserved.

® is a Registered Trademark of VACUUMSCHMELZE GmbH & Co. KG