

CoEDaM Device List WT2025/2026

Test stand NW1

DC-machine

SIEMENS

V	1/min	A	kW
14-120	50-3780	34.5-35.5	0.0465-3.5
120	-10000	39.0	3.5

Err./excit. V A
Freemd 120 0.79

Induction machine

Thien&Co Elektromaschinenbau

Star connection
3.0 kW, 72 V, 21.4 A
4290 U/min, 150 Hz

Converter

EAM-Converter with Semikron IGBT modules
SkiiP 232 GDL 120-410 CTVU
200 A, 800 V

RealTimeSystem

dSpace MicroLabBox

Measurement

Torque Transducer
HBM T34R40, 50 Nm, 40000 rpm

Power Analyser

Lem Norma N5000
with 30A shunts A30b, A30d, A30f

Incremental Encoder

Stegmann DG 60 D, 2500 increments per revolution