

Parameterization services

of third-party motors with BRUSA inverters

BRUSA offers the option of parameterizing third-party e-motors. This takes place, among other things, with in-house, very high-quality and professional equipped test benches. The DMC544 and the DTI844 are universal inverters that can be used to control different types of e-motors.

The parameterization can be done in different ways

Option 1

- The customer provides the entire motor data (see download excel file)
- BRUSA uses this to calculate the specific motor table
- The customer tests his e-motor on his own test bench
- The customer can optionally do additional measurements, where upon BRUSA further optimizes the motor table

Option 2

- The customer provides limited motor data
- Design of motor-specific adapter plates and shafts for BRUSA test bench by the customer or by BRUSA
- BRUSA carries out initial operation on the test bench
- BRUSA calculates and optimizes the specific motor tables
- Optional BRUSA carries out measurements such as:
 - Efficiency maps
 - Torque accuracy
 - Max. and cont. torque / power
 - Short-circuit torque / current
 - Professional measurement reports

Inverter DMC544

[Download excel file](#)

Inverter DTI844

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