

**Faculty of Electrical Engineering  
Research and Innovation Centre for Electrical Engineering**

## Measurement of Emrax 228 HV CC

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## **Abstract**

This research report deals with the validation measurement of PMSM Emrax 228 HV CC. The motors were fed by DTI HV-500 power converter. The load torque reached up to 150Nm at 5200rpm. As a load was used PMSM from Brusa company. Based on data obtained from the measurement an equivalent schematic of the motor was created.

## **Keywords**

Efficiency measurement, measurement of stator inductance, measurement of stator resistance, PMSM, validation measurement,