



## Magnetic powder brakes for measuring the load in the test bed and for measuring and testing the power and the torque



With low tax horsepower the magnetic powder brake achieves a high torque, being independent from the slip speed. The characteristic curve of the magnetic powder brake is a great advantage for the control engineering.

1. The torque and the exciting current to be transferred behave to each other proportionally.
2. and 3. With a fixed exciting current, the torque will be independent from the slip speed.
4. When switching on, the torque will be set up time delayed. D.C. switching will result in shorter switching times than switching on the network side.

