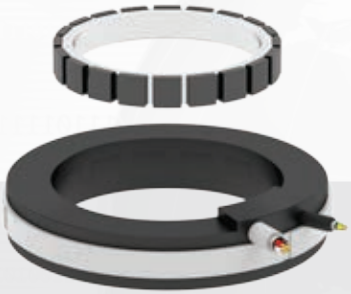
Additional products

To download our linear motor simulation tool, 3D & CAD files, installation manuals, product specifications and more, visit our website at:

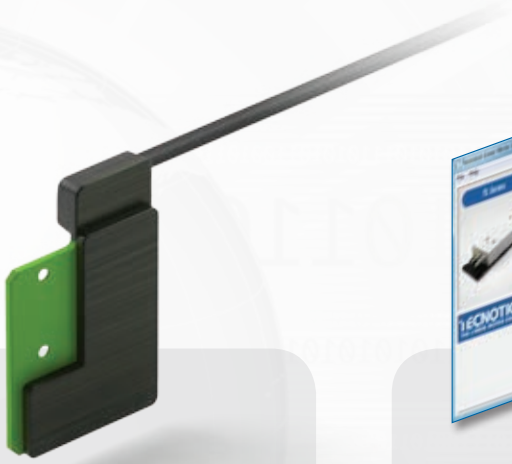
www.tecnotion.com



Torque

Tp 1.9Nm ..97.2Nm Tc 1.7Nm ..48.3Nm

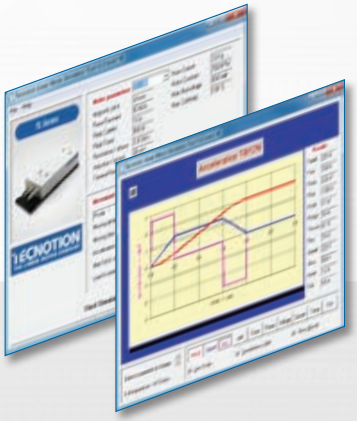
Due to the extensive motor design knowledge within Tecnotion, we have developed a torque motor series that is characterized, among others, by an superior force density, low thermal resistance, low cogging and housed design.
The torque series consists of three different outer diameters ranging from 105 via 133 to 160mm for the largest motor and five building heights ranging from 17 mm up to 92 mm.



Digital Hall Module

For commutation

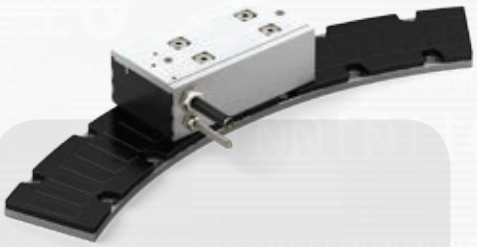
For commutation, we have an optional digital hall module that can be used with our entire range of linear motors. Its sensors provide 3 digital outputs, each phase shifted 120 degrees, to determine the electrical angle between coils and magnets. If you do not use a controller that allows you to commutate within the servo drive, this module can be a cost-effective alternative. The digital hall module requires a 4.5 to 28V_{dc} power supply.



Simulation Tool

Analyze your application

Save precious time by using our FREE linear motor simulation tool. Our specialized software helps you find the best motor for the application and generate reports within seconds, without having to make time consuming calculations by hand.
The tool will provide you with diagrams for position, velocity, acceleration, jerk, force, power, voltage, current, temperature, force vs. velocity and more.



Custom Linear Motors

Motor solutions

Besides the standard catalogue items we offer custom linear motor solutions. Some examples: custom windings, cable confection and vacuum motors for transport and positioning in vacuum.
Besides this Tecnotion offers moving magnet motors and linear actuators, completely designed toward needs. For more information please contact Tecnotion.