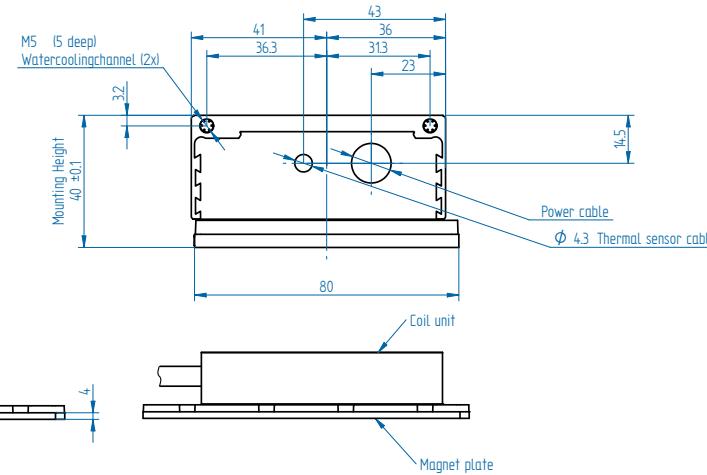
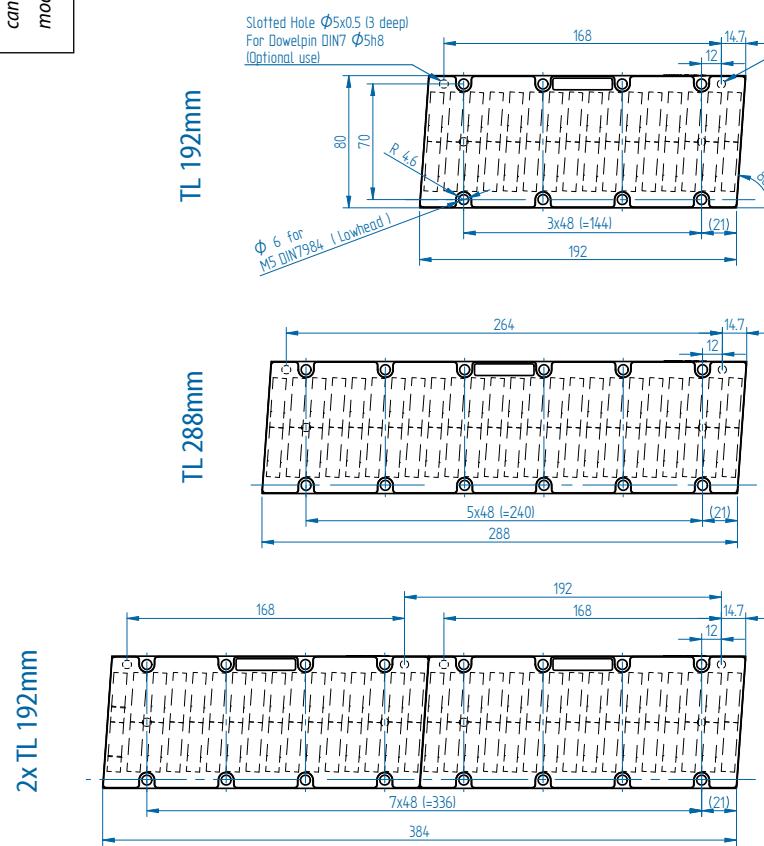
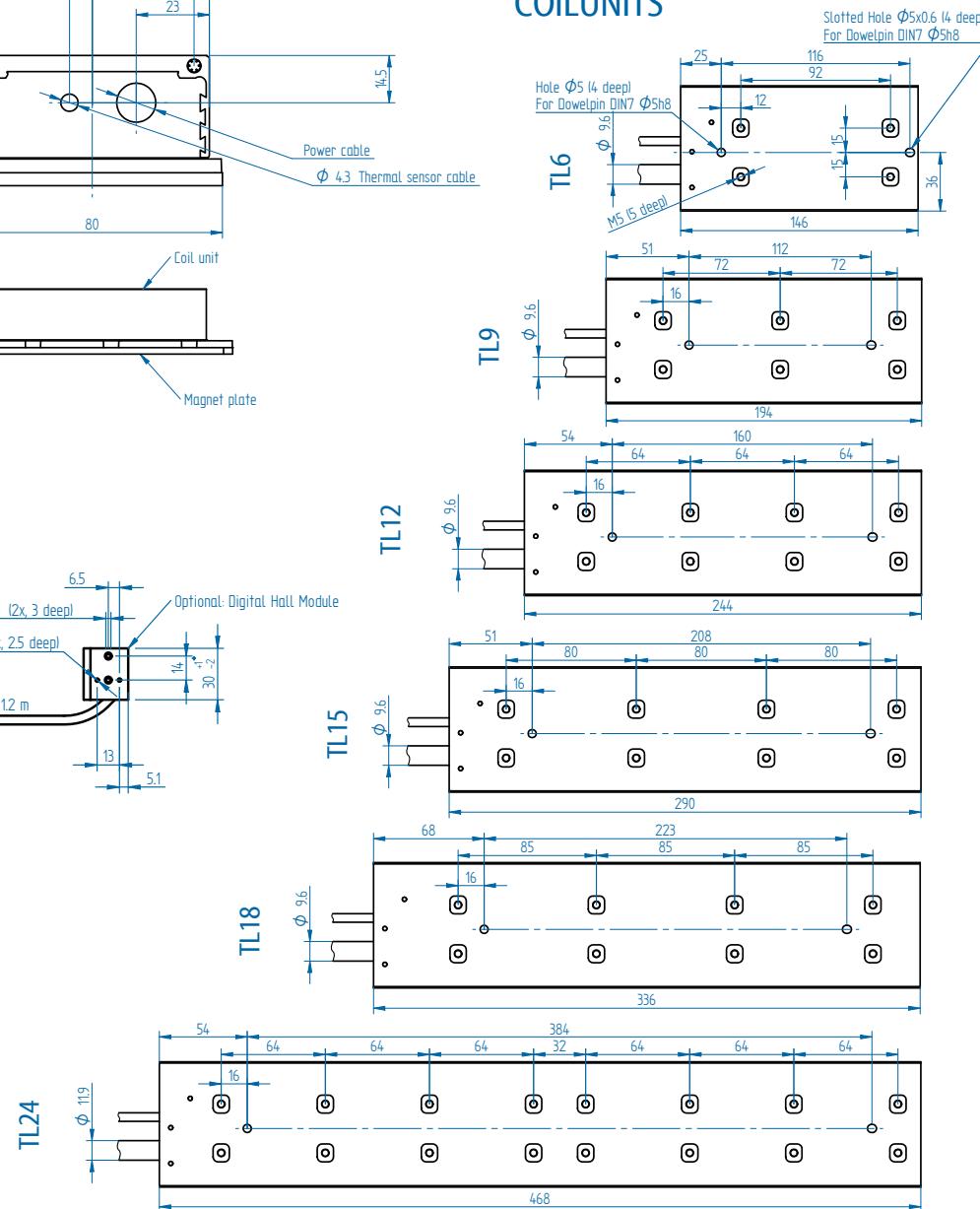


Mounting instructions and flatness or parallelism requirements can be found in the Iron Core installation manual. CAD files, 3D models and the manual can be downloaded from our website.

MAGNET PLATES



COILUNITS



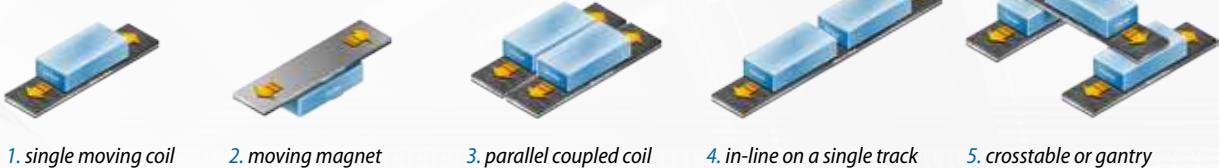
Features

Tecnotion's linear motor performances advantages

[DIRECT DRIVE ADVANTAGES]

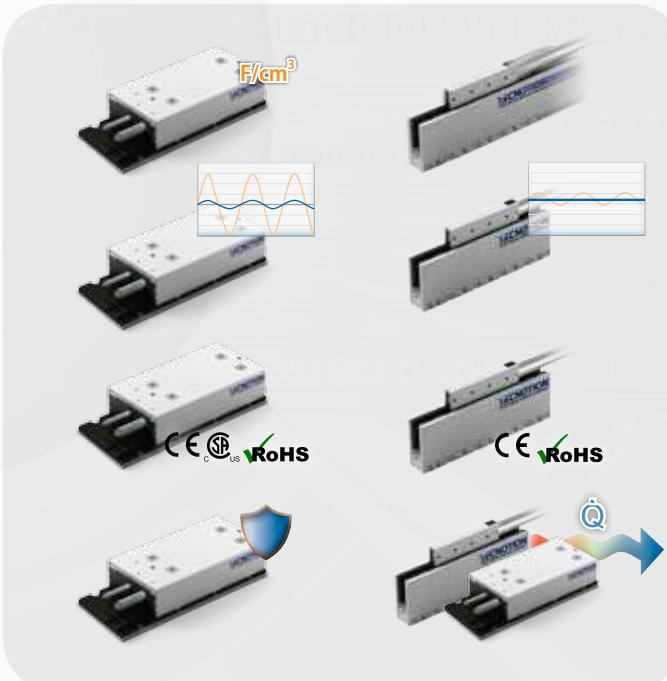
The direct drive technology of linear motors is a perfect way to enhance productivity, accuracy, and dynamic performance. Linear motors eliminate the need for mechanical transmissions like rack and pinion, belts and speed reducers. Between coil unit and magnets there is no contact, this means no mechanical wear. The technology makes designs slimmer, modular and reduces costs.

Modular system. All motors can be used in various configurations:



High force density

More force in a smaller packing means lowering footprint and fits better in smal(ler) spaces.



Low cogging

Optimized iron core motor design, for smooth motion and position accuracy in your application.

High acceleration and dynamics

The outstanding force to mass ratio of the ironless coils enables unmatched system dynamics.

No cogging, extremely low force ripple

Ironless motors have no cogging effects. Offering smooth motion and position accuracy in your application.

Approved for CSA and CE, ROHS

Iron core motors are approved for CE, CSA and ROHS.

Approved for CE and ROHS

Ironless motors are CE and RoHS approved.

Aluminium housed design

Housed design with integrated water cooling for TBW- and TL series.

Low thermal resistance

Allowing good heat transfer, achieving an extremely high continuous force for all motors when using a descent size heatsink or active cooling.