

DryLin® linear table

Construction and characteristics

DryLin® linear tables are suitable for many different positioning applications. The linear positioning is achieved by means of a trapezoidal leadscrew that can be operated manually or by motor.

The maximum linear speed is 1 m/min.

The suitability of a linear slide unit for an application can be checked using the graphs below.

The following trapezoidal leadscrew drive sizes are used in this range of linear tables:

- TR 10x2: SHT-12, SHTC-12, SHTP-12, SLW-1040

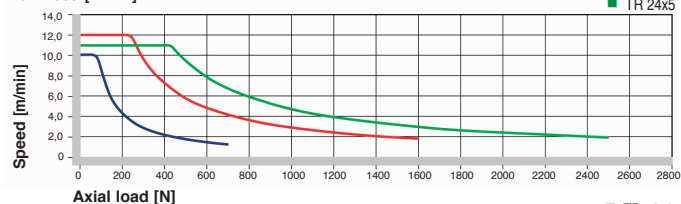
- TR 18x4: SHT-20, SHTC-20, SLW-2080

- TR 24x5: SHT-30, SHTC-30

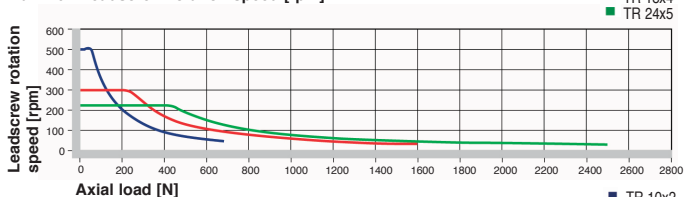
Please note that the loads given are axial loads. Radial loads are not given for trapezoidal leadscrews. For horizontal mounting with symmetrical loads, the following equation can be used:

$F_{axial} = F_{radial} \times 0.25$ (for horizontal mounting)

Max. feed [m/min]



Maximum leadscrew rotation speed [rpm]



Drive torque [Nm]

