

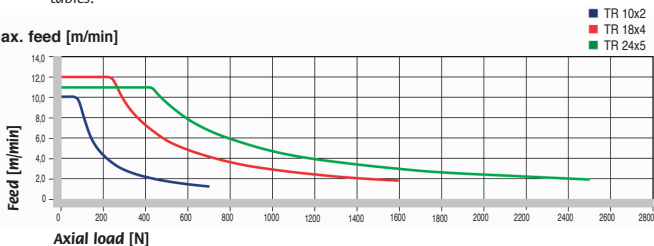
# DryLin® linear table- Construction and characteristics

## Technical information

DryLin® linear tables are suitable for many different positioning applications. The linear positioning is achieved by means of a trapezoidal lead screw 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 lead screw 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 lead screws. 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 lead screw rotation speed [rpm]



Drive torque [Nm]

