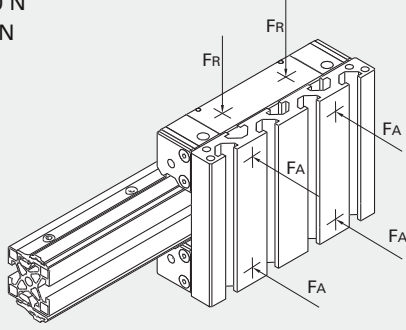


## Linear Motion System Load Capacity

$$F_R < 1500 \text{ N}$$

$$F_A < 750 \text{ N}$$



### Technical Data

Acceleration:  $a_{max} < 15 \text{ m/s}^2$

Max. drive torque: 60 Nm

Forces:  $F_R$  [N] maximum rated load / roller - radial (1500 N)

$F_A$  [N] maximum rated load / roller - axial (750 N)

### Maintenance:

**Lubrication:** In order to ensure maximum service life of the guiderail make sure that it is sufficiently lubricated.

Check the scraper and lubrication devices on a regular basis and re-lubricate as needed.

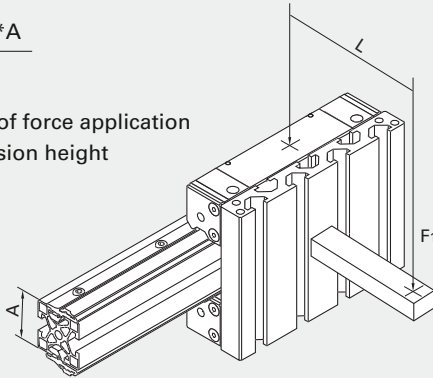
**Load:** Load data is valid for one type of load and one direction of load.

“Static design” refers to weight and operation forces.

“Dynamic design” refers to weight and acceleration forces.

$$F_1 \leq \frac{2 \cdot F_A \cdot A}{L}$$

$L$  = Point of force application  
 $A$  = Extrusion height



## Linear Motion System Roller Capacity

Roller	$F_R$ max.	$F_A$ max.
	1500 N	750 N

