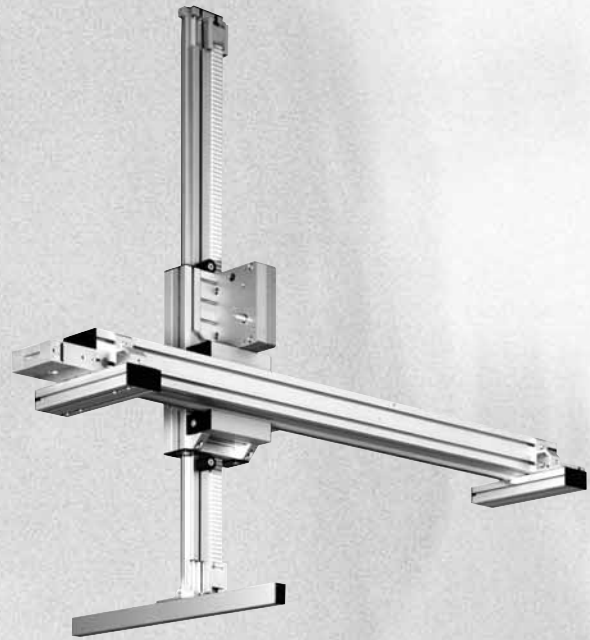
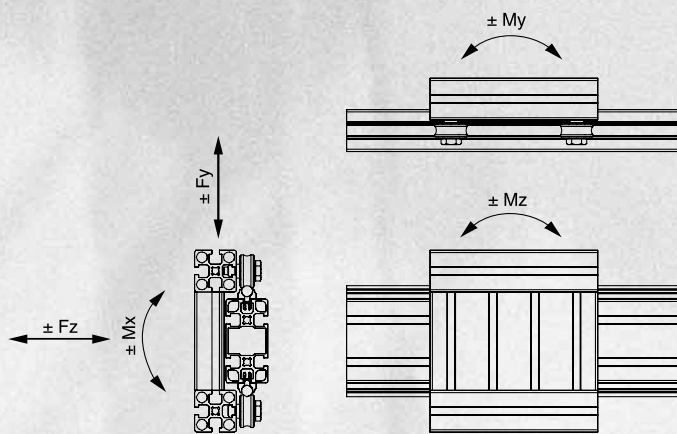


## LINEAR SYSTEM LR



### Load capacity

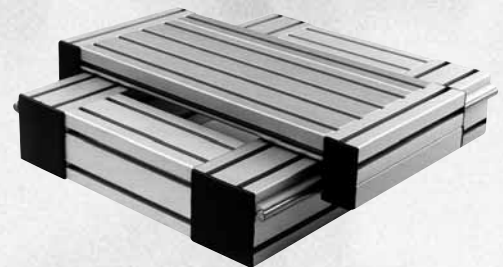


Calculation of max. moment loads as function of the slide length:

$$My \text{ max.} = 0,89 \cdot (L-45) \text{ Nm}$$

$$Mz \text{ max.} = 1,50 \cdot (L-45) \text{ Nm}$$

L = length of slide



Linear system Slides	LR6	LR 12			Slide 135	Slide 180	Slide 180
	Slide LR 6 4 bearings L = 90 mm	Slide 45 4 bearings L = 180 mm	Slide 90 4 bearings L = 180 mm	Slide 135 4 bearings L = 180 mm	Slide 180 4 bearings L = 180 mm	Slide 180 8 bearings L = 360 mm	
Mx max.	30 Nm	79 Nm	107 Nm	130 Nm	165 Nm	240 Nm	
My max.	75 Nm	120 Nm	120 Nm	120 Nm	120 Nm	275 Nm	
Mz max.	40 Nm	202 Nm	202 Nm	202 Nm	202 Nm	470 Nm	
Fy max.	800 N	3500 N	3500 N	3500 N	3500 N	7000 N	
Fz max.	640 N	1500 N	1500 N	1500 N	1500 N	3000 N	

Linear system Slides	LR 16	Slides LR 16-90
	Mx max.	158 Nm
My max.	288 Nm	288 Nm
Mz max.	323 Nm	323 Nm
Fy max.	7000 N	7000 N
Fz max.	3000 N	3000 N

Maximal speed slide 45 - 180: 10 m/sec.  
Maximal speed slide LR 6: 5 m/sec.