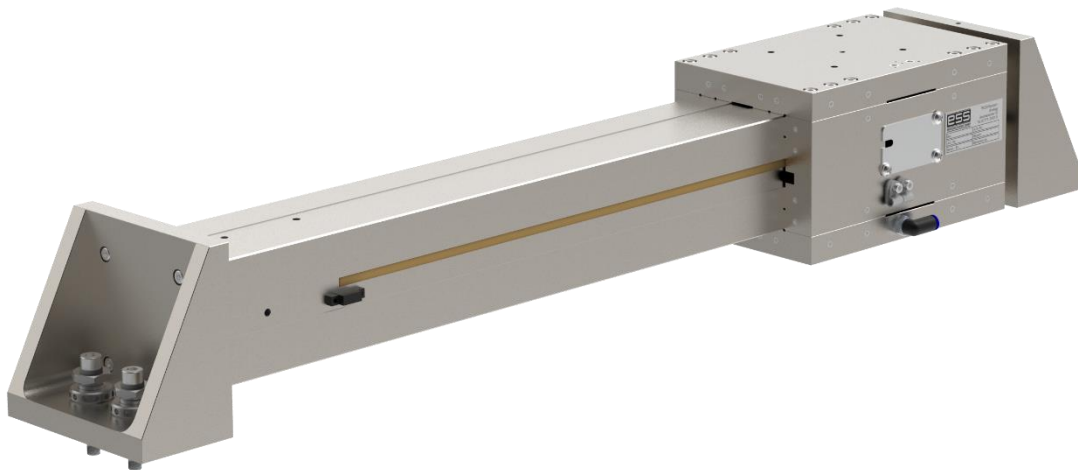
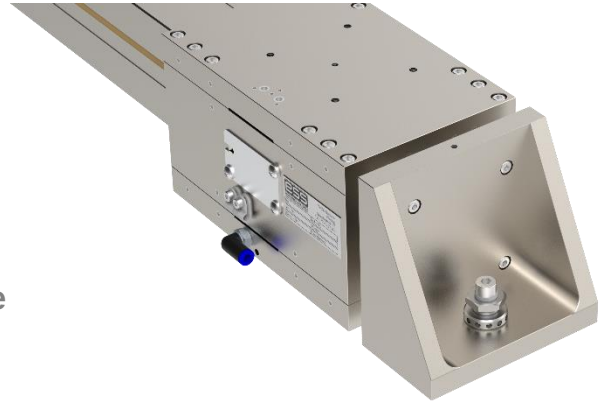


■ LFG-XXXX

air bearing linear unit

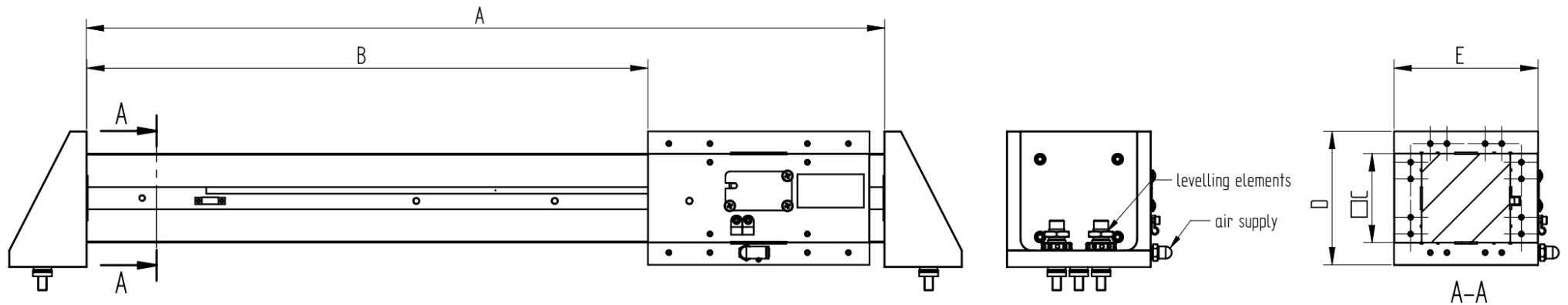
- universal field of application
- high dynamics
- smooth running behaviour
- alignment via three fine adjustment screws
- adaptation of various components possible
- precise positioning via optical measuring system



representation only symbolic

Technical data

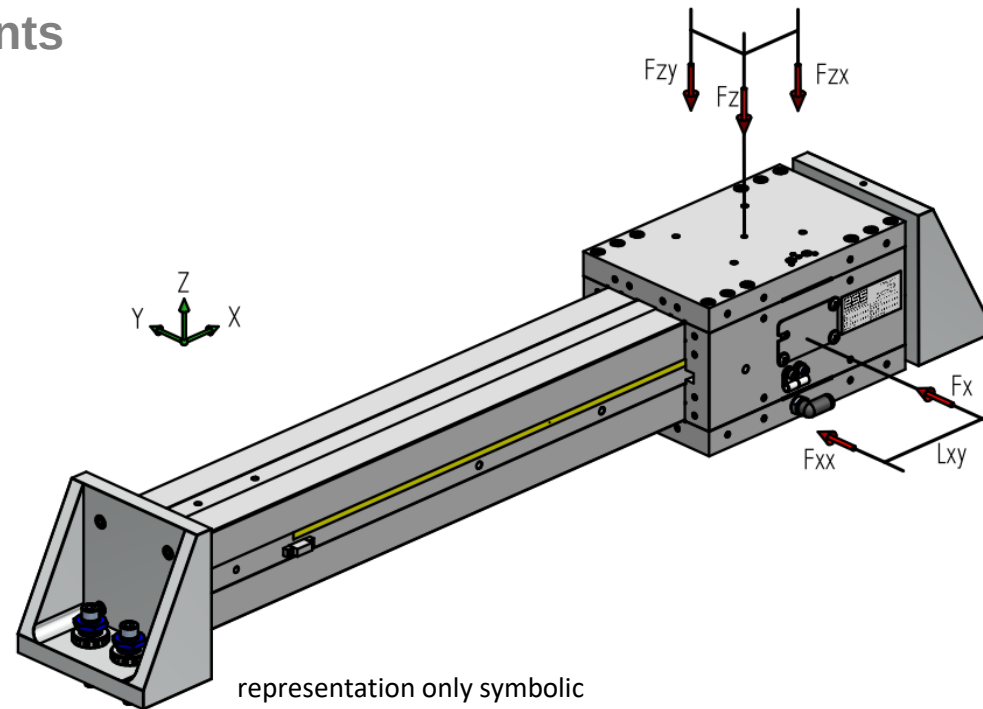
Operating pressure	max. 5bar
Operating temperature	15 up to 35°C
Storing temperature	2 up to 40°C



representation only symbolic

	max. A	max. B	□ C	D	E
	mm	mm	mm	mm	mm
LFG 0404	300	160	40	70	70
LFG 0505	192	36	50	90	100
LFG 0808	720	520	80	120	130
LFG 2020	1750	1500	200	260	260

Forces and movements



	Fz	Fzx	Fzy	Fx	Fxx	Lxy
	N	N	N	N	N	mm
LFG 0404	250	50	40	250	50	100
LFG 0505	200	40	30	200	40	100
LFG 0808	500	100	80	500	100	100
LFG 2020	500	100	80	500	100	100

Accuracy

	running accuracy X/100 mm	running accuracy over all	positioning accuracy	repeatability
	µm/mm		µm	µm
LFG 0404	0,1/100	0,2/160	up to ±0,1	up to ±0,1
LFG 0505	0,1/100	0,08/36	up to ±0,1	up to ±0,1
LFG 0808	0,1/100	0,5/520	up to ±0,1	up to ±0,1
LFG 2020	0,2/100	3,0/1500	up to ±0,1	up to ±0,1

- ▶ The positioning accuracy and the repeatability of the positioning accuracy are largely dependent on the linear measuring system and the drive unit used.
- ▶ To obtain the optimum drive unit for your application, please contact us.
- ▶ All guideways are prepared to accept a standard measuring system.

changes and errors excepted