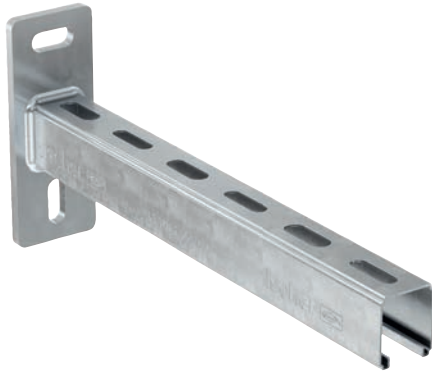


Cantilever arm ALK

Cantilever arm made from FLS channel profile



Light pipe fixing



Cable tray on cantilever arm

3

Applications

- Economic installation of single pipes or pipelines along the wall.
- For use in dry interior areas.

Certificates



Advantages

- The fire inspection report in line with MLAR/EN1363-1 of the ALK 37 guarantees independently tested functional safety.
- The graduated range of lengths allows an ideal adaptation to the application.
- The console's stable base plate offers a secure hold for a load-bearing construction.
- The base plate's long slots, which are at 90° to one another, allow the console to be easily aligned.

Properties

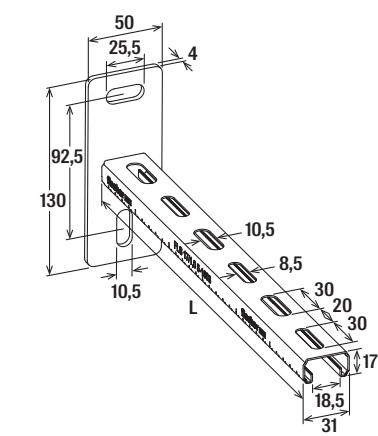
- Material base plate: steel E295 (material no. 1.0050) acc. to DIN EN 10025-2
- Material channel: steel S215G (material no. 1.0116G) acc. to DIN 1623
- Zinc plating: electro zinc-plated

See also:

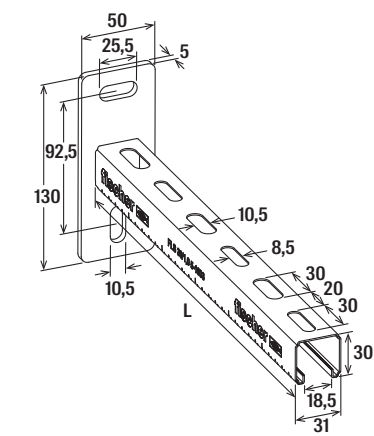
Product family Rubber inlay EMS Page 260



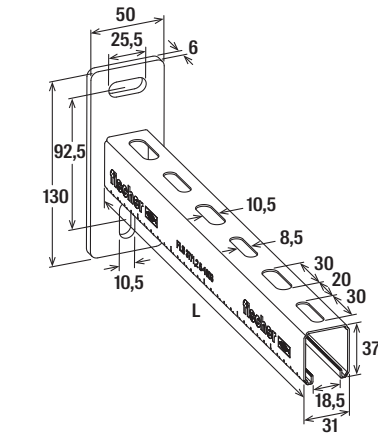
3



ALK 17



ALK 30



ALK 37

Technical data

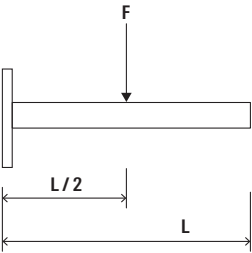
	Item no.	Fire test report	Profile	Length L [mm]	Sales unit [pcs]
Item					
ALK 17-200	538738	–	17 / 1.0	200	10
ALK 17-300	538739	–	17 / 1.0	300	10
ALK 30-200	538740	–	30 / 1.0	200	10
ALK 30-300	538741	–	30 / 1.0	300	10
ALK 30-450	538742	–	30 / 1.0	450	10
ALK 37-300	538743	Yes	37 / 1.2	300	10
ALK 37-450	538744	Yes	37 / 1.2	450	10
ALK 37-600	538745	Yes	37 / 1.2	600	5

For load information under fire exposure, see chapter Basic knowledge.

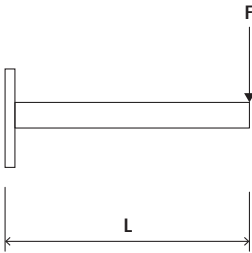
Loads

	Item no.	Max. recommended static load load case 1 F_{rec} [kN]	Max. recommended static load load case 2 F_{rec} [kN]	Max. recommended static load load case 3 F_{rec} [kN]	Sales unit [pcs]
Item					
ALK 17-200	538738	0.49	0.24	0.49	10
ALK 17-300	538739	0.92	0.12	0.31	10
ALK 30-200	538740	1.18	0.59	1.18	10
ALK 30-300	538741	0.79	0.39	0.79	10
ALK 30-450	538742	0.53	0.22	0.53	10
ALK 37-300	538743	1.27	0.93	1.27	10
ALK 37-450	538744	0.86	0.41	0.86	10
ALK 37-600	538745	0.63	0.24	0.63	5

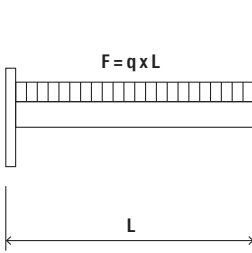
Load case 1

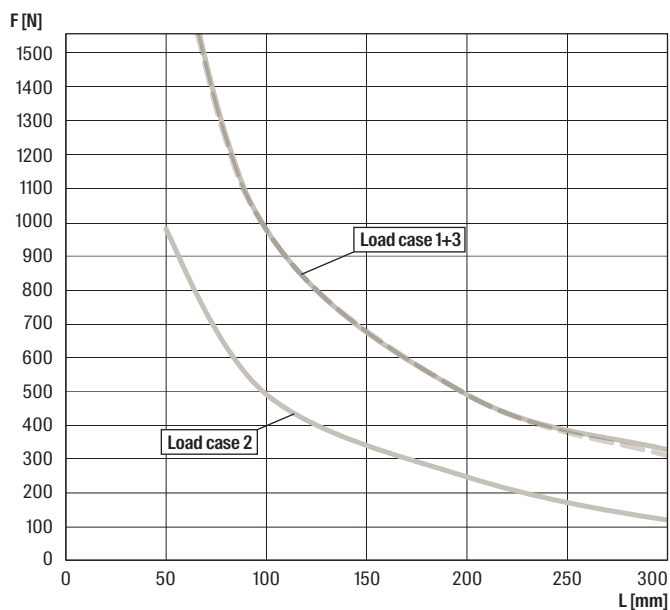


Load case 2

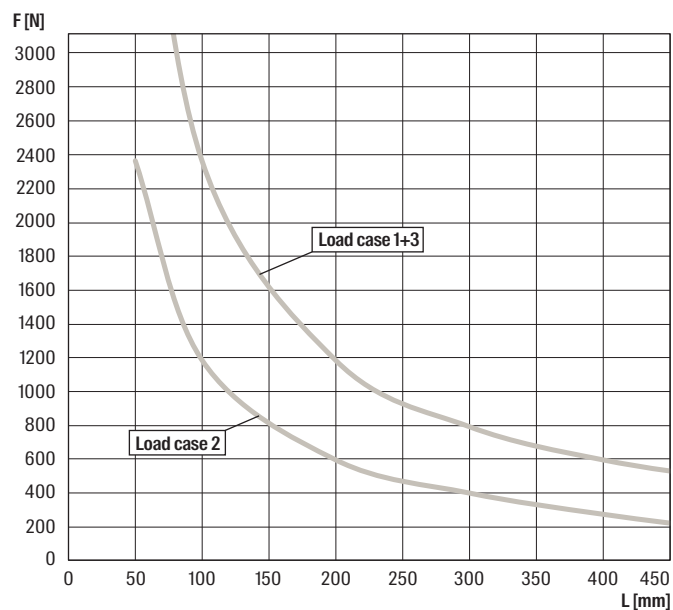
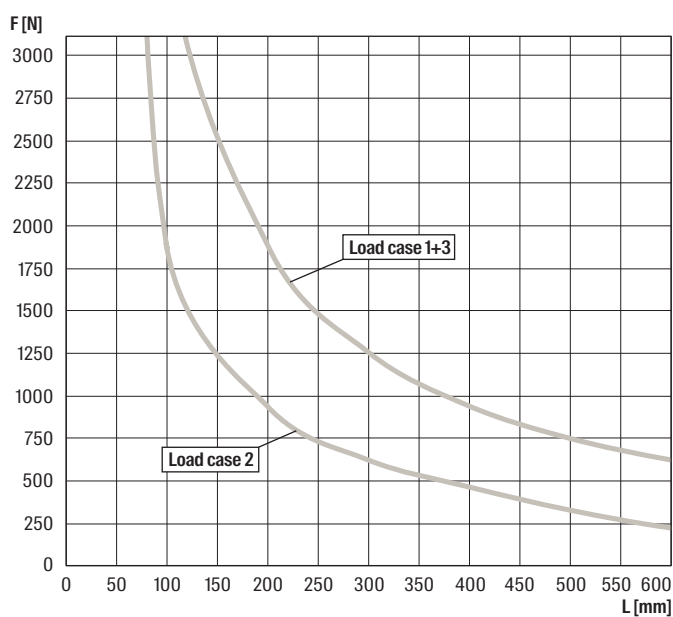


Load case 3



ALK 17/1,0

For the load curves, the permissible steel strain $\delta_{adm} = 188 \text{ N/mm}^2$ (increased steel strain due to bending) and the maximum deflection under load $L/150$ are not exceeded. Fixings and screw fastenings must be calculated accordingly.

ALK 30/1,0**FLS 37/1,2**

For the load curves, the permissible steel strain $\delta_{adm} = 188 \text{ N/mm}^2$ (increased steel strain due to bending) and the maximum deflection under load $L/150$ are not exceeded. Fixings and screw fastenings must be calculated accordingly.