
41/22/2.5	41/41/1.8	41/41/2.5	41/44/2.5	41/62/3.0	41/82/2.5	41/124/3.0
Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]
3.40 1.70 1.13	7.35 3.67 2.45	9.35 4.67 3.12	10.07 5.03 3.36	19.23 9.62 6.41	27.87 13.93 9.29	62.12 31.06 20.71
0.67 0.43 0.30	1.84 1.47 1.15	2.34 1.87 1.47	2.52 2.01 1.66	4.81 3.85 3.21	6.97 5.57 4.64	15.53 12.42 10.35
0.22 0.17 0.13	0.84 0.65 0.51	1.08 0.83 0.65	1.22 0.93 0.74	2.75 2.40 2.03	3.98 3.48 3.10	8.87 7.77 6.90
0.11 0.09 0.07	0.41 0.34 0.29	0.53 0.44 0.37	0.60 0.49 0.41	1.64 1.36 1.14	2.79 2.53 2.14	6.21 5.65 5.18
0.06 0.05	0.24 0.21 0.18	0.31 0.27 0.24	0.35 0.30 0.27	0.97 0.84 0.73	1.82 1.57 1.37	4.78 4.44 4.14
	0.16 0.14 0.13	0.21 0.18 0.16	0.23 0.21 0.18	0.64 0.57 0.51	1.20 1.07 0.95	3.88 3.60 3.21
	0.11 0.10 0.09	0.15 0.13 0.12	0.17 0.15 0.14	0.46 0.41 0.37	0.85 0.77 0.70	2.88 2.60 2.36
	0.09 0.08 0.07	0.11 0.10 0.09	0.12 0.11 0.10	0.34 0.31 0.29	0.64 0.58 0.54	2.15 1.97 1.81
Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]	Load (tr) F [kN]
1.90 0.95 0.50	3.79 1.90 1.26	4.91 2.46 1.64	5.03 2.52 1.68	10.00 5.00 3.33	13.93 6.97 4.64	31.06 15.53 10.35
0.28 0.18 0.12	0.95 0.70 0.48	1.23 0.89 0.62	1.26 1.00 0.70	2.50 2.00 1.67	3.48 2.78 2.32	7.76 6.21 5.17
0.09 0.07 0.05	0.35 0.27 0.21	0.45 0.35 0.27	0.51 0.39 0.31	1.41 1.08 0.85	1.99 1.74 1.54	4.43 3.88 3.45
0.04 0.04 0.03	0.17 0.14 0.12	0.22 0.18 0.15	0.25 0.21 0.17	0.69 0.57 0.48	1.30 1.07 0.90	3.10 2.82 2.58
0.03 0.02 0.02	0.10 0.09 0.08	0.13 0.11 0.10	0.15 0.13 0.11	0.41 0.35 0.31	0.77 0.66 0.58	2.38 2.21 1.95
0.02	0.07 0.06 0.05	0.09 0.08 0.07	0.10 0.09 0.08	0.27 0.24 0.21	0.51 0.45 0.40	1.71 1.52 1.35
	0.05 0.04 0.04	0.06 0.05 0.05	0.07 0.06 0.06	0.19 0.17 0.16	0.36 0.32 0.29	1.21 1.09 0.99
	0.03 0.03 0.03	0.04 0.04 0.04	0.05 0.05 0.04	0.14 0.13 0.12	0.27 0.24 0.22	0.90 0.83 0.76

Varifix® installation rail selection

A simple beam with an individual load of F [kN] in the center of the beam (including its own load) and a simple beam with a distributed load or three identical loads are the basis for the data specified.

Individual load / Total load

If several different individual loads act on a simple beam (cross-member) and are unevenly spaced, they can be added together and taken as an approximate central individual load.

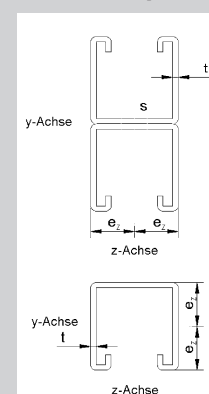
Sag evaluation

The specified sag is to be evaluated visually in each individual case!

3 individual loads / Total load

If more than three approximately identical individual loads act on a simple beam at approximately the same distance, a weight distribution for three identical individual loads $1/3 F$ with four identical spacings $1/4 L$ can be applied from the total load F.

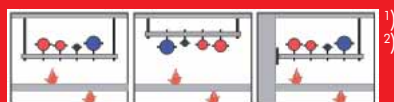
Coordinate system



Technical data

Yield strength Re or Rp0.2
280 N/mm², a safety coefficient total of 1.5, an E-module = 210,000 N/mm², and a maximum sag of $f_{perm} = L/200$ are taken into account.

The double-profile rails are individual rails with a substance-to-substance resistance welding bond.



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