



## Working loads for Sliding Supports LA, LC and LD - HV

Basis for assessment EC 3, working loads for Supports in delivery status

**Sliding Support LA - HV + Guiding Set FS resp. Fixed Point Set XS**  
**Sliding Support LA - HV + Guiding Bracket FW F 80 resp. Fixed Point Bracket XW F 80**

Height	DN	Fx * [kN] X-Supports only	Fy [kN]	+ Fz [kN]	- Fz FS 80/120 [kN]	- Fz FW F 80 [kN]	- Fz XS 80/120 [kN]	- Fz XW F 80 [kN]
90	≤ 25	9.1	5.2	15.4	14	6.1	15.4	15.4
90	32	8.8	4.9	15.4	14	6.1	15.4	15.4
90	40	8.6	4.8	15.4	14	6.1	15.4	15.4
90	50	8.2	4.4	15.4	14	6.1	15.4	15.4
90	65	7.7	3.9	15.4	14	6.1	15.4	15.4
90	80	7.3	3.6	15.4	14	6.1	15.4	15.4
90	100	6.5	2.8	15.4	14	6.1	15.4	15.4
90	125	5.7	2.1	15.4	14	6.1	15.4	15.4
90	150	4.7	1.3	15.4	14	6.1	15.4	15.4
150	≤ 25	8.0	4.2	15.4	14	6.1	15.4	15.4
150	32	7.9	3.9	15.4	14	6.1	15.4	15.4
150	40	7.8	3.9	15.4	14	6.1	15.4	15.4
150	50	7.6	3.6	15.4	14	6.1	15.4	15.4
150	65	7.4	3.2	15.4	14	6.1	15.4	15.4
150	80	7.2	3.0	15.4	14	6.1	15.4	15.4
150	100	6.9	2.5	15.4	14	6.1	15.4	15.4
150	125	6.5	2.0	15.4	14	6.1	15.4	15.4
150	150	6.1	1.4	15.4	14	6.1	15.4	15.4
200	≤ 25	6.3	3.6	15.4	14	6.1	15.4	15.4
200	32	6.2	3.5	15.4	14	6.1	15.4	15.4
200	40	6.2	3.4	15.4	14	6.1	15.4	15.4
200	50	6.0	3.2	15.4	14	6.1	15.4	15.4
200	65	5.9	3.0	15.4	14	6.1	15.4	15.4
200	80	5.7	2.8	15.4	14	6.1	15.4	15.4
200	100	5.5	2.4	15.4	14	6.1	15.4	15.4
200	125	5.2	2.0	15.4	14	6.1	15.4	15.4
200	150	4.9	1.6	15.4	14	6.1	15.4	15.4

**Sliding Support LC - HV + Guiding Set FS resp. Fixed Point Set XS**  
**Sliding Support LC - HV + Guiding Bracket FW F 80 resp. Fixed Point Bracket XW F 80**

Height	DN	Fx *	Fy	+ Fz	- Fz	- Fz	- Fz	- Fz
		[kN] X-Supports only	[kN]	[kN]	FS 80/120 [kN]	FW F 80 [kN]	XS 80/120 [kN]	XW F 80 [kN]
90	≤ 25	14.3	6.3	17.0	14	6.1	17	17
90	32	14.1	6.2	17.0	14	6.1	17	17
90	40	14.0	6.1	17.0	14	6.1	17	17
90	50	13.9	5.9	17.0	14	6.1	17	17
90	65	13.6	5.6	17.0	14	6.1	17	17
90	80	13.5	5.4	17.0	14	6.1	17	17
90	100	13.1	5.0	17.0	14	6.1	17	17
90	125	12.7	4.5	17.0	14	6.1	17	17
90	150	12.3	4.0	17.0	14	6.1	17	17
90	200	11.6	3.2	17.0	14	6.1	17	17
90	250	10.8	2.3	17.0	14	6.1	17	17
90	300	10.1	1.5	17.0	14	6.1	17	17
150	≤ 25	8.5	4.9	17.0	14	6.1	17	17
150	32	8.5	4.8	17.0	14	6.1	17	17
150	40	8.5	4.7	17.0	14	6.1	17	17
150	50	8.4	4.6	17.0	14	6.1	17	17
150	65	8.4	4.4	17.0	14	6.1	17	17
150	80	8.4	4.3	17.0	14	6.1	17	17
150	100	8.3	4.0	17.0	14	6.1	17	17
150	125	8.3	3.7	17.0	14	6.1	17	17
150	150	8.2	3.3	17.0	14	6.1	17	17
150	200	8.1	2.7	17.0	14	6.1	17	17
150	250	8.0	2.1	17.0	14	6.1	17	17
150	300	7.9	1.5	17.0	14	6.1	17	17
200	≤ 25	7.3	5.3	17.0	14	6.1	17	17
200	32	7.2	5.2	17.0	14	6.1	17	17
200	40	7.2	5.1	17.0	14	6.1	17	17
200	50	7.1	4.9	17.0	14	6.1	17	17
200	65	7.0	4.7	17.0	14	6.1	17	17
200	80	6.9	4.6	17.0	14	6.1	17	17
200	100	6.7	4.3	17.0	14	6.1	17	17
200	125	6.5	4.0	17.0	14	6.1	17	17
200	150	6.3	3.6	17.0	14	6.1	17	17
200	200	5.9	3.0	17.0	14	6.1	17	17
200	250	5.5	2.3	17.0	14	6.1	17	17
200	300	5.1	1.7	17.0	14	6.1	17	17

**Sliding Support LD - HV + 2 x Guiding Set FS resp. 2 x Fixed Point Sets XS  
Sliding Support LD - HV + 2 x Guiding Bracket FW F 80 resp. 2 x Fixed Point  
Bracket XW F 80**

Height	DN	Fx *	Fy	+ Fz	- Fz	- Fz	- Fz	- Fz
		[kN] X-Supports only	[kN]	[kN]	FS 80/120 [kN]	FW F 80 [kN]	XS 80/120 [kN]	XW F 80 [kN]
90	≤ 350	25.0	13.1	32.8	28	12.2	32.8	32.8
90	400	22.5	11.9	32.8	28	12.2	32.8	32.8
90	500	20.8	9.4	32.8	28	12.2	32.8	32.8
90	600	10.3	7.2	32.8	28	12.2	32.8	32.8
150	≤ 350	25.0	12.9	32.8	28	12.2	32.8	32.8
150	400	22.5	11.5	32.8	28	12.2	32.8	32.8
150	500	17.3	8.8	32.8	28	12.2	32.8	32.8
150	600	8.7	6.3	32.8	28	12.2	32.8	32.8
200	≤ 350	25.0	11.3	32.8	28	12.2	32.8	32.8
200	400	20.5	10.2	32.8	28	12.2	32.8	32.8
200	500	15.7	8.1	32.8	28	12.2	32.8	32.8
200	600	7.5	6.1	32.8	28	12.2	32.8	32.8

\* Axial fixed point forces can only be attained by the professional use of anti-slip

protections (e.g. cleats, stoppers). Those have to be planned during the design of the piping and are on the responsibility of the piping manufacturer.

Further statical product datas are available on request.