

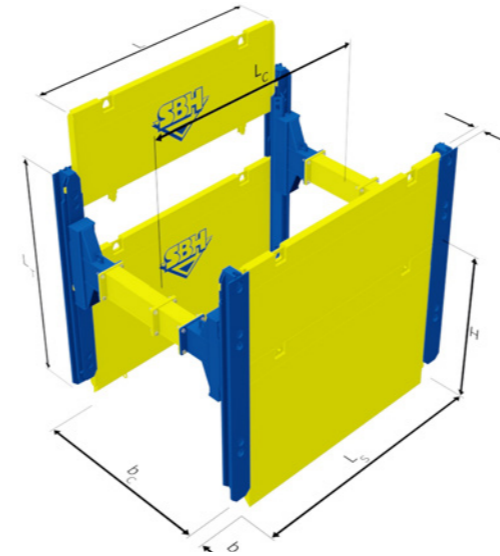
# SINGLE SLIDE RAIL

## 790 series

### SLIDE RAIL PLATES

Plate length L [m]	Plate height H [m]	Thickness $t_{pl}$ [mm]	Pipe clearance $L_c$ [m]	System length $L_s$ [m]	Permissible earth pressure [kN/m <sup>2</sup> ]	Limit state design load $e_d$ / Characteristic system resistance $R_k$ [kN/m <sup>2</sup> ]	Weight [kg]
2.00	2.40 1.40	107.00	1.80	2.27	158.2	237.3	550.0 355.0
2.50	2.40 1.40		2.30	2.77	101.2	151.8	650.0 420.0
3.00	2.40 1.40		2.80	3.27	70.3	105.5	770.0 495.0
3.50	2.40 1.40		3.30	3.77	51.6	77.4	900.0 580.0
4.00	2.40 1.40		3.80	4.27	39.5	59.3	1010.0 650.0
4.00	2.40 1.40	130.00	3.80	4.27	82.1	123.2	1370.0 880.0
4.50	2.40 1.40		4.30	4.77	64.9	97.4	1530.0 980.0
5.00	2.40 1.40		4.80	5.27	52.6	78.9	1690.0 1070.0
5.50	2.40 1.40		5.30	5.77	43.4	65.1	1850.0 1170.0
6.00	2.40 1.40		5.80	6.27	36.5	54.8	2210.0 1370.0

Other lengths or custom variants upon request.



These are primarily used for medium trenches with high pipe clearances and in environments where there is the risk of subsidence. With this slide rail system, the shoring plates are only inserted in one guide level.



### SLIDE RAILS

Description	Rail length $L_r$ [m]	Weight per support [kg]	Rail height $b_r$ [mm]	Permissible bending moment [kNm]
Single slide rail	3.50	540.0	220.00	307.0
Corner single slide rail	3.50	390.0	275.00	132.0

### ROLLING STRUTS (RS)

Description	RS length $L_{RS}$ [m]	RS width $b_{RS}$ [m]	Min working width $b_c$ [m]	Flange $b_f \times h_f$ [mm]	Permissible tractive forces [kN]	Weight per RS pair [kg]
RS	1.24	0.62	1.24	405.00 x 420.00	-100.0 bis 639.0	620.0

### DISTANCE PIECE

Length $L_z$ [m]	Flange [mm]	RS Weight [kg]
0.25	405.00 x 420.00	99.0
0.50		128.0
0.75		157.0
1.00		185.0
2.00		303.0
3.00		421.0



### ACCESSORIES

You can find the accessory parts

- ▶ Assembly helps
- ▶ Protection rails
- ▶ Clamping device
- ▶ Spanner

for the Single Slide Rail 790 series on pages 88–91.

