




-  : 5,20 m
-  : 1,55 m
-  : 2,00 m tot 4,00 m

| | Dimensions [mm] | Weight Panel [kg] | Weight Element [kg] | Pipe Clearance h_c [mm] | Pipe Inlay Length L_c [mm] | Diagonal max. [mm] | Surface Element [m ²] | Max. Ground Pressure (R_g) [kN/m ²] | Deflection (F) [mm] |
|------------------------|--------------------------------|-------------------|--|---------------------------|------------------------------|--------------------|-----------------------------------|---|---------------------|
| Base Panel | L x HB x t_{pl} | | with 4 Spindles SP SB 110 x 700 | | | | | | |
| VB 100 Eck 4000x2600 | 4000x2600x105 | 1340 | 2991 | 1550 | 3580 | 5408 | 20,80 | 47,05 | 20,20 |
| VB 100 Eck 3500x2600 | 3500x2600x105 | 1226 | 2763 | 1550 | 3080 | 5048 | 18,20 | 63,05 | 15,40 |
| VB 100 Eck 3000x2600 | 3000x2600x105 | 1112 | 2535 | 1550 | 2580 | 4716 | 15,60 | 87,70 | 11,40 |
| VB 100 Eck 2500x2600 | 2500x2600x105 | 1105 | 2521 | 1550 | 2080 | 4415 | 13,00 | 130,22 | 8,10 |
| VB 100 Eck 2000x2600 | 2000x2600x105 | 884 | 2079 | 1550 | 1580 | 4152 | 10,40 | 213,25 | 5,60 |
| VB 100 Eck 4000x2400 | 4000x2400x105 | 1285 | 2991 | 1350 | 3580 | 5314 | 19,20 | 47,05 | 20,00 |
| VB 100 Eck 3500x2400 | 3500x2400x105 | 1175 | 2763 | 1350 | 3080 | 4949 | 16,80 | 63,05 | 15,20 |
| VB 100 Eck 3000x2400 | 3000x2400x105 | 1065 | 2535 | 1350 | 2580 | 4609 | 14,40 | 87,70 | 11,10 |
| VB 100 Eck 2500x2400 | 2500x2400x105 | 955 | 2521 | 1350 | 2080 | 4300 | 12,00 | 130,22 | 7,80 |
| VB 100 Eck 2000x2400 | 2000x2400x105 | 845 | 2079 | 1350 | 1580 | 4030 | 9,60 | 213,25 | 5,10 |
| VB 60 Eck 3500x2400 | 3500x2370x60 | 931 | 2173 | 1320 | 3080 | 4888 | 16,59 | 34,30 | 28,50 |
| VB 60 Eck 3000x2400 | 3000x2370x60 | 730 | 1771 | 1320 | 2580 | 4544 | 14,22 | 30,06 | 18,50 |
| VB 60 Eck 2500x2400 | 2500x2370x60 | 665 | 1641 | 1320 | 2080 | 4231 | 11,85 | 44,58 | 12,50 |
| VB 60 Eck 2000x2400 | 2000x2370x60 | 600 | 1511 | 1320 | 1580 | 3956 | 9,48 | 72,88 | 7,80 |
| Top Panel | L x HB x t_{pl} | | with 2 Spindles SP SB 110 x 700 | | | | | | |
| VB A 100 Eck 4000x1400 | 4000x1412x105 | 855 | 1866 | | 3580 | | 11,30 | 47,05 | |
| VB A 100 Eck 3500x1400 | 3500x1412x105 | 780 | 1716 | | 3080 | | 4,94 | 63,05 | |
| VB A 100 Eck 3000x1400 | 3000x1412x105 | 704 | 1564 | | 2580 | | 8,47 | 87,70 | |
| VB A 100 Eck 2500x1400 | 2500x1412x105 | 628 | 1412 | | 2080 | | 6,78 | 130,22 | |
| VB A 100 Eck 2000x1400 | 2000x1412x105 | 553 | 1262 | | 1580 | | 5,66 | 213,25 | |
| VB A 60 Eck 3500x1000 | 3500x970x60 | 420 | 996 | | 3080 | | 6,79 | 34,30 | |
| VB A 60 Eck 3000x1000 | 3000x970x60 | 340 | 836 | | 2580 | | 5,82 | 30,06 | |
| VB A 60 Eck 2500x1000 | 2500x970x60 | 310 | 776 | | 2080 | | 4,85 | 44,58 | |
| VB A 60 Eck 2000x1000 | 2000x970x60 | 281 | 718 | | 1580 | | 3,88 | 72,88 | |
| VB A 60 Eck 3500x1300 | 3500x1330x60 | 561 | 1278 | | 3080 | | 9,31 | 34,30 | |
| VB A 60 Eck 3000x1300 | 3000x1330x60 | 446 | 1048 | | 2580 | | 7,98 | 30,06 | |
| VB A 60 Eck 2500x1300 | 2500x1330x60 | 409 | 974 | | 2080 | | 6,65 | 44,58 | |
| VB A 60 Eck 2000x1300 | 2000x1330x60 | 272 | 900 | | 1580 | | 5,32 | 72,88 | |
| VB A 60 Eck 3500x1600 | 3500x1570x60 | 650 | 1456 | | 3080 | | 10,99 | 34,30 | |
| VB A 60 Eck 3000x1600 | 3000x1570x60 | 513 | 1182 | | 2580 | | 9,42 | 30,06 | |
| VB A 60 Eck 2500x1600 | 2500x1570x60 | 470 | 1096 | | 2080 | | 7,85 | 44,58 | |
| VB A 60 Eck 2000x1600 | 2000x1570x60 | 427 | 1010 | | 1580 | | 6,28 | 72,88 | |

Spindle SP SB

Type 110 x 392

Type 110 x 550

Type 110 x 700

| Spindle SP SB Type 110 x 392 | | | |
|------------------------------|--------------------------|-------------|--|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] VB 60 / 100 Eck |
| | VB 60 Eck | VB 100 Eck | |
| without | 1812 - 1874 | 1902 - 1964 | 1692 - 1754 |
| 300 | 2112 - 2174 | 2202 - 2264 | 1992 - 2054 |
| 500 | 2312 - 2374 | 2402 - 2464 | 2192 - 2254 |
| 1000 | 2812 - 2874 | 2902 - 2964 | 2692 - 2754 |
| 1500 | 3312 - 3374 | 3402 - 3464 | 3192 - 3254 |
| 2000 | 3812 - 3874 | 3902 - 3964 | 3692 - 3754 |
| 2500 | 4312 - 4374 | 4402 - 4464 | 4192 - 4254 |

| Spindle SP SB Type 110 x 550 | | | |
|------------------------------|--------------------------|-------------|--|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] VB 60 / 100 Eck |
| | VB 60 Eck | VB 100 Eck | |
| without | 1938 - 2095 | 2028 - 2185 | 1818 - 1975 |
| 300 | 2238 - 2395 | 2328 - 2485 | 2118 - 2275 |
| 500 | 2438 - 2595 | 2528 - 2685 | 2318 - 2475 |
| 1000 | 2938 - 3095 | 3028 - 3185 | 2818 - 2975 |
| 1500 | 3438 - 3595 | 3528 - 3685 | 3318 - 3475 |
| 2000 | 3938 - 4095 | 4028 - 4185 | 3818 - 3975 |
| 2500 | 4438 - 4595 | 4528 - 4685 | 4318 - 4475 |

| Spindle SP SB Type 110 x 700 | | | |
|------------------------------|--------------------------|-------------|--|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] VB 60 / 100 Eck |
| | VB 60 Eck | VB 100 Eck | |
| without | 2118 - 2398 | 2208 - 2488 | 1998 - 2278 |
| 300 | 2418 - 2698 | 2508 - 2788 | 2298 - 2578 |
| 500 | 2618 - 2898 | 2708 - 2988 | 2498 - 2778 |
| 1000 | 3118 - 3398 | 3208 - 3488 | 2998 - 3278 |
| 1500 | 3618 - 3898 | 3708 - 3988 | 3498 - 3778 |
| 2000 | 4118 - 4398 | 4208 - 4488 | 3998 - 4278 |
| 2500 | 4618 - 4898 | 4708 - 4988 | 4498 - 4778 |

Spindle SP SB

Type D 98 x 392

Type C 98 x 550

Type B 98 x 700

Type E 98 x 817

| Spindle SP SB Type D 98 x 392 | | | |
|-------------------------------|--------------------------|-------------|-----------------------------------|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] |
| | VB 60 Eck | VB 100 Eck | VB 60 / 100 Eck |
| without | 1810 - 1878 | 1900 - 1968 | 1690 - 1758 |
| 300 | 2110 - 2178 | 2200 - 2268 | 1990 - 2058 |
| 500 | 2310 - 2378 | 2400 - 2468 | 2190 - 2258 |
| 1000 | 2810 - 2878 | 2900 - 2968 | 2690 - 2758 |
| 1500 | 3310 - 3378 | 3400 - 3468 | 3190 - 3258 |
| 2000 | 3810 - 3878 | 3900 - 3968 | 3690 - 3758 |
| 2500 | 4310 - 4378 | 4400 - 4468 | 4190 - 4258 |

| Spindle SP SB Type C 98 x 550 | | | |
|-------------------------------|--------------------------|-------------|-----------------------------------|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] |
| | VB 60 Eck | VB 100 Eck | VB 60 / 100 Eck |
| without | 1940 - 2140 | 2030 - 2230 | 1820 - 2020 |
| 300 | 2240 - 2440 | 2330 - 2530 | 2120 - 2320 |
| 500 | 2440 - 2640 | 2530 - 2730 | 2320 - 2520 |
| 1000 | 2940 - 3140 | 3030 - 3230 | 2820 - 3020 |
| 1500 | 3440 - 3640 | 3530 - 3730 | 3320 - 3520 |
| 2000 | 3940 - 4140 | 4030 - 4230 | 3820 - 4020 |
| 2500 | 4440 - 4640 | 4530 - 4730 | 4320 - 4520 |

| Spindle SP SB Type B 98 x 700 | | | |
|-------------------------------|--------------------------|-------------|-----------------------------------|
| Length Extension [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] |
| | VB 60 Eck | VB 100 Eck | VB 60 / 100 Eck |
| without | 2116 - 2456 | 2206 - 2546 | 1996 - 2336 |
| 300 | 2416 - 2756 | 2506 - 2846 | 2296 - 2636 |
| 500 | 2616 - 2956 | 2706 - 3046 | 2496 - 2836 |
| 1000 | 3116 - 3456 | 3206 - 3546 | 2996 - 3336 |
| 1500 | 3616 - 3956 | 3706 - 4046 | 3496 - 3836 |
| 2000 | 4116 - 4456 | 4206 - 4546 | 3996 - 4336 |
| 2500 | 4616 - 4956 | 4706 - 5046 | 4496 - 4836 |

| Spindle SP SB Type E 98 x 817 | | | |
|-------------------------------|--------------------------|-------------|-----------------------------------|
| Numbers of Extensions [mm] | Outside Dimension b [mm] | | Working Width b _c [mm] |
| | VB 60 Eck | VB 100 Eck | VB 60 / 100 Eck |
| without | 2041 - 2441 | 2131 - 2531 | 1921 - 2321 |
| 1x500 | 2541 - 2941 | 2631 - 3031 | 2421 - 2821 |
| 2x500 | 3041 - 3441 | 3131 - 3531 | 2921 - 3321 |
| 3x500 | 3541 - 3941 | 3631 - 4031 | 3421 - 3821 |
| 4x500 | 4041 - 4441 | 4131 - 4531 | 3921 - 4321 |
| 5x500 | 4541 - 4941 | 4631 - 5031 | 4421 - 4821 |
| 6x500 | 5041 - 5441 | 5131 - 5531 | 4921 - 5321 |
| 7x500 | 5541 - 5941 | 5631 - 6031 | 5421 - 5821 |

Articlelijst

| Article | Dimension [mm] | Article-Nr. | Weight Panel [kg] | Pcs. | |
|-----------------------------|----------------|--------------|-------------------|---------|-----|
| Base Panel | VB 100 Eck | 2000 x 2600 | 1952026 | 884 | |
| | VB 100 Eck | 2500 x 2600 | 1952526 | 1105 | |
| | VB 100 Eck | 3000 x 2600 | 1953026 | 1112 | |
| | VB 100 Eck | 3500 x 2600 | 1953526 | 1226 | |
| | VB 100 Eck | 4000 x 2600 | 1954026 | 1340 | |
| | VB 100 Eck | 2000 x 2400 | 1952024 | 845 | |
| | VB 100 Eck | 2500 x 2400 | 1952524 | 955 | |
| | VB 100 Eck | 3000 x 2400 | 1953024 | 1065 | |
| | VB 100 Eck | 3500 x 2400 | 1953524 | 1175 | |
| | VB 100 Eck | 4000 x 2400 | 1954024 | 1285 | |
| | VB 60 Eck | 2000 x 2400 | 1202024 | 600 | |
| | VB 60 Eck | 2500 x 2400 | 1202524 | 665 | |
| | VB 60 Eck | 3000 x 2400 | 1203024 | 730 | |
| | VB 60 Eck | 3500 x 2400 | 1203524 | 931 | |
| | Top Panel | VB A 100 Eck | 2000 x 1400 | 1952014 | 553 |
| | | VB A 100 Eck | 2500 x 1400 | 1952514 | 628 |
| VB A 100 Eck | | 3000 x 1400 | 1953014 | 704 | |
| VB A 100 Eck | | 3500 x 1400 | 1953514 | 780 | |
| VB A 100 Eck | | 4000 x 1400 | 1954014 | 855 | |
| VB A 60 Eck | | 2000 x 1600 | 1202016 | 427 | |
| VB A 60 Eck | | 2500 x 1600 | 1202516 | 470 | |
| VB A 60 Eck | | 3000 x 1600 | 1203016 | 513 | |
| VB A 60 Eck | | 3500 x 1600 | 1203516 | 650 | |
| VB A 60 Eck | | 2000 x 1300 | 1202013 | 372 | |
| VB A 60 Eck | | 2500 x 1300 | 1202513 | 409 | |
| VB A 60 Eck | | 3000 x 1300 | 1203013 | 446 | |
| VB A 60 Eck | | 3500 x 1300 | 1203513 | 561 | |
| VB A 60 Eck | | 2000 x 1000 | 1202010 | 281 | |
| VB A 60 Eck | | 2500 x 1000 | 1202510 | 310 | |
| VB A 60 Eck | | 3000 x 1000 | 1203010 | 340 | |
| VB A 60 Eck | | 3500 x 1000 | 1203510 | 420 | |
| Spindle | | SP SB | 110 x 700 | 181700 | 42 |
| | SP SB | 110 x 550 | 181550 | 32 | |
| | SP SB | 110 x 392 | 181392 | 24 | |
| Spindle | SP SB Typ B | 98 x 700 | 1800700 | 37 | |
| | SP SB Typ C | 98 x 550 | 1800550 | 27 | |
| | SP SB Typ D | 98 x 392 | 1800392 | 20 | |
| | SP SB Typ E | 98 x 817 | 1800817 | 69 | |
| Spring Spindle Holder | 96 | 1700096 | 14 | | |
| Spring Spindle Holder | 80 | 1700080 | 16 | | |
| Bolt | Ø40 x 212 mm | 1700212 | 2,4 | | |
| Bolt | Ø20 x 140 mm | 1700140 | 0,4 | | |
| Safety Pin | 92 | 1700092 | 0,1 | | |
| Connector | | 1700290 | 6,1 | | |
| Spinle tool | | 170001g | 3,7 | | |
| Quadruple sling | 1800 x 20 | 170423s | 39 | | |
| Quadruple sling | 2300 x 20 | | 42 | | |
| Quadruple sling | 2800 x 20 | | 45 | | |
| Quadruple chain | 2300 x 13 | | 47 | | |
| Panel Protector KR / VB 100 | 2800 | 1702800 | 249 | | |
| Panel Protector KR / VB 100 | 3300 | 1703300 | 310 | | |
| Panel Protector KR / VB 100 | 3800 | 1703800 | 350 | | |
| Panel Protector MB / VB 60 | 2300 | 1122500 | 191 | | |
| Panel Protector MB / VB 60 | 2800 | 1123000 | 220 | | |

Useful Information

A base element always contains: 4 Pcs. Spindles
 A top element always contains: 2 Pcs. Spindles
 For the connection between base and top element is needed: 4 Pcs. Connectors
 8 Pcs. Bolts Ø40 mm
 8 Pcs. Safety pins
 A VB 60/100 spindle element contains: 1 Pcs. Spindle
 2 Pcs. Spring spindle holders
 2 Pcs. Bolts Ø40 mm
 2 Pcs. Bolts Ø20 mm
 4 Pcs. Safety pins