

FÜGGELÉK - LINDAB TRAPÉZLEMEZEK TERVEZÉSI TÁBLÁZATAI

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LTP 20

ANYAGJELLEMZŐK

Vastagság	[mm]	0.40	0.50	0.60	0.70
f_{yb}	[MPa]	250	250	250	350
f_{ya}	[MPa]	253.2	254.2	255.1	356.0
Önsúly	[kN/m ²]	0.032	0.041	0.050	0.059

KERESZTMETSZETI JELLEMZŐK - POZITÍV ELHELYEZÉS

td	[mm]	0.36	0.46	0.56	0.66
Ag	[mm ² /mm]	0.420	0.537	0.654	0.771
Aef,U	[mm ² /mm]	0.209	0.323	0.453	0.532
zCGg	[mm]	6.43	6.43	6.43	6.43
zCGef,U	[mm]	5.61	5.94	6.20	6.19
zCGef,S	[mm]	5.91	6.24	6.43	6.43
Iyg	[mm ⁴ /mm]	24.34	31.11	37.87	44.64
Iyef,U	[mm ⁴ /mm]	20.27	27.99	36.11	42.52
Iyef,S	[mm ⁴ /mm]	21.77	29.90	37.87	44.64
Wyg,+	[mm ³ /mm]	3.79	4.84	5.89	6.95
Wyg,-	[mm ³ /mm]	2.05	2.62	3.19	3.76
Wyef,U,+	[mm ³ /mm]	3.61	4.71	5.83	6.87
Wyef,U,-	[mm ³ /mm]	1.60	2.26	2.98	3.51

KERESZTMETSZETI JELLEMZŐK - NEGATÍV ELHELYEZÉS

td	[mm]	0.36	0.46	0.56	0.66
Ag	[mm ² /mm]	0.420	0.537	0.654	0.771
Aef,U	[mm ² /mm]	0.209	0.323	0.453	0.532
zCGg	[mm]	11.87	11.87	11.87	11.87
zCGef,U	[mm]	8.47	8.97	9.48	9.46
zCGef,S	[mm]	8.93	9.56	10.18	10.16
Iyg	[mm ⁴ /mm]	24.34	31.11	37.87	44.64
Iyef,U	[mm ⁴ /mm]	15.15	21.07	27.78	32.69
Iyef,S	[mm ⁴ /mm]	16.38	23.12	30.73	36.16
Wyg,+	[mm ³ /mm]	2.05	2.62	3.19	3.76
Wyg,-	[mm ³ /mm]	3.79	4.84	5.89	6.95
Wyef,U,+	[mm ³ /mm]	1.79	2.35	2.93	3.45
Wyef,U,-	[mm ³ /mm]	1.54	2.26	3.15	3.70

LLP 20

ANYAGJELLEMZŐK

Vastagság [mm]	0.40	0.50	0.60	0.70
f_{yb} [MPa]	250	250	250	350
f_{ya} [MPa]	253.4	254.3	255.3	356.2
Önsúly [kN/m ²]	0.033	0.042	0.051	0.060

KERESZTMETSZETI JELLEMZŐK - POZITÍV ELHELYEZÉS

t_d [mm]	0.36	0.46	0.56	0.66
A_g [mm ² /mm]	0.422	0.540	0.657	0.774
$A_{ef,U}$ [mm ² /mm]	0.242	0.374	0.525	0.617
z_{CGg} [mm]	9.15	9.15	9.15	9.15
$z_{CGef,U}$ [mm]	7.53	7.94	8.29	8.28
$z_{CGef,S}$ [mm]	7.91	8.34	8.68	8.67
I_{yg} [mm ⁴ /mm]	25.86	33.04	40.23	47.42
$I_{yef,U}$ [mm ⁴ /mm]	19.60	27.07	35.03	41.24
$I_{yef,S}$ [mm ⁴ /mm]	21.06	29.03	37.41	44.04
$W_{yg,+}$ [mm ³ /mm]	2.83	3.61	4.40	5.18
$W_{yg,-}$ [mm ³ /mm]	2.83	3.61	4.40	5.18
$W_{yef,U,+}$ [mm ³ /mm]	2.60	3.41	4.23	4.98
$W_{yef,U,-}$ [mm ³ /mm]	1.82	2.61	3.50	4.12

KERESZTMETSZETI JELLEMZŐK - NEGATÍV ELHELYEZÉS

t_d [mm]	0.36	0.46	0.56	0.66
A_g [mm ² /mm]	0.422	0.540	0.657	0.774
$A_{ef,U}$ [mm ² /mm]	0.242	0.374	0.525	0.617
z_{CGg} [mm]	9.15	9.15	9.15	9.15
$z_{CGef,U}$ [mm]	7.53	7.94	8.29	8.28
$z_{CGef,S}$ [mm]	7.91	8.34	8.68	8.67
I_{yg} [mm ⁴ /mm]	25.86	33.04	40.23	47.42
$I_{yef,U}$ [mm ⁴ /mm]	19.60	27.07	35.03	41.24
$I_{yef,S}$ [mm ⁴ /mm]	21.06	29.03	37.41	44.04
$W_{yg,+}$ [mm ³ /mm]	2.83	3.61	4.40	5.18
$W_{yg,-}$ [mm ³ /mm]	2.83	3.61	4.40	5.18
$W_{yef,U,+}$ [mm ³ /mm]	2.60	3.41	4.23	4.98
$W_{yef,U,-}$ [mm ³ /mm]	1.82	2.61	3.50	4.12

LV 30

ANYAGJELLEMZŐK

Vastagság [mm]	0.50	0.60	0.70
f_{yb} [MPa]	250	250	350
f_{ya} [MPa]	253.0	253.7	354.3
Önsúly [kN/m ²]	0.043	0.052	0.061

KERESZTMETSZETI JELLEMZŐK - POZITÍV ELHELYEZÉS

t_d [mm]	0.46	0.56	0.66
A_g [mm ² /mm]	0.553	0.673	0.793
$A_{ef,U}$ [mm ² /mm]	0.239	0.342	0.401
z_{CGg} [mm]	9.15	9.15	9.15
$z_{CGef,U}$ [mm]	7.95	8.53	8.52
$z_{CGef,S}$ [mm]	8.58	8.93	8.92
I_{yg} [mm ⁴ /mm]	74.69	90.94	107.2
$I_{yef,U}$ [mm ⁴ /mm]	62.52	82.59	97.24
$I_{yef,S}$ [mm ⁴ /mm]	68.41	87.88	103.5
$W_{yg,+}$ [mm ³ /mm]	8.16	9.93	11.71
$W_{yg,-}$ [mm ³ /mm]	3.76	4.58	5.40
$W_{yef,U,+}$ [mm ³ /mm]	7.87	9.68	11.41
$W_{yef,U,-}$ [mm ³ /mm]	2.97	4.03	4.75

KERESZTMETSZETI JELLEMZŐK - NEGATÍV ELHELYEZÉS

t_d [mm]	0.46	0.56	0.66
A_g [mm ² /mm]	0.553	0.673	0.793
$A_{ef,U}$ [mm ² /mm]	0.239	0.342	0.401
z_{CGg} [mm]	19.85	19.85	19.85
$z_{CGef,U}$ [mm]	13.78	14.37	14.35
$z_{CGef,S}$ [mm]	14.46	15.28	15.26
I_{yg} [mm ⁴ /mm]	74.69	90.94	107.2
$I_{yef,U}$ [mm ⁴ /mm]	43.98	57.17	67.29
$I_{yef,S}$ [mm ⁴ /mm]	47.43	62.81	73.90
$W_{yg,+}$ [mm ³ /mm]	3.76	4.58	5.40
$W_{yg,-}$ [mm ³ /mm]	8.16	9.93	11.71
$W_{yef,U,+}$ [mm ³ /mm]	3.19	3.98	4.69
$W_{yef,U,-}$ [mm ³ /mm]	2.89	3.91	4.59

LVV 30

ANYAGJELLEMZŐK

Vastagság	[mm]	0.50	0.60	0.70
f_{yb}	[MPa]	250	250	350
f_{ya}	[MPa]	253.0	253.6	354.3
Önsúly	[kN/m ²]	0.043	0.052	0.061

KERESZTMETSZETI JELLEMZŐK - POZITÍV ELHELYEZÉS

t_d	[mm]	0.46	0.56	0.66
A_g	[mm ² /mm]	0.557	0.678	0.799
$A_{ef,U}$	[mm ² /mm]	0.590	0.750	0.884
z_{CGg}	[mm]	9.55	9.55	9.55
$z_{CGef,U}$	[mm]	8.30	8.84	8.83
$z_{CGef,S}$	[mm]	8.89	9.23	9.22
I_{yg}	[mm ⁴ /mm]	71.10	86.57	102.0
$I_{yef,U}$	[mm ⁴ /mm]	59.17	77.86	91.67
$I_{yef,S}$	[mm ⁴ /mm]	64.48	82.69	97.37
$W_{yg,+}$	[mm ³ /mm]	7.44	9.06	10.68
$W_{yg,-}$	[mm ³ /mm]	3.66	4.45	5.25
$W_{yef,U,+}$	[mm ³ /mm]	7.13	8.81	10.38
$W_{yef,U,-}$	[mm ³ /mm]	2.86	3.86	4.55

KERESZTMETSZETI JELLEMZŐK - NEGATÍV ELHELYEZÉS

t_d	[mm]	0.46	0.56	0.66
A_g	[mm ² /mm]	0.556	0.677	0.798
$A_{ef,U}$	[mm ² /mm]	0.590	0.750	0.884
z_{CGg}	[mm]	19.56	19.56	19.56
$z_{CGef,U}$	[mm]	13.79	14.36	14.35
$z_{CGef,S}$	[mm]	14.45	15.24	15.22
I_{yg}	[mm ⁴ /mm]	70.46	85.78	101.1
$I_{yef,U}$	[mm ⁴ /mm]	42.85	55.66	65.51
$I_{yef,S}$	[mm ⁴ /mm]	46.16	60.96	71.73
$W_{yg,+}$	[mm ³ /mm]	3.60	4.39	5.17
$W_{yg,-}$	[mm ³ /mm]	7.46	9.09	10.71
$W_{yef,U,+}$	[mm ³ /mm]	3.11	3.88	4.57
$W_{yef,U,-}$	[mm ³ /mm]	2.82	3.80	4.47

LTP 45

ANYAGJELLEMZŐK

Vastagság	[mm]	0.50	0.60	0.70
f_{yb}	[MPa]	250	250	350
f_{ya}	[MPa]	252.5	253.1	353.6
Önsúly	[kN/m ²]	0.045	0.054	0.064

KERESZTMETSZETI JELLEMZŐK - POZITÍV ELHELYEZÉS

t_d	[mm]	0.46	0.56	0.66
A_g	[mm ² /mm]	0.579	0.705	0.831
$A_{ef,U}$	[mm ² /mm]	0.233	0.336	0.395
z_{CGg}	[mm]	18.65	18.65	18.65
$z_{CGef,U}$	[mm]	14.11	15.49	15.46
$z_{CGef,S}$	[mm]	15.68	16.89	16.88
I_{yg}	[mm ⁴ /mm]	182.2	221.8	261.4
$I_{yef,U}$	[mm ⁴ /mm]	127.9	172.8	203.2
$I_{yef,S}$	[mm ⁴ /mm]	144.0	191.5	225.5
$W_{yg,+}$	[mm ³ /mm]	9.77	11.89	14.02
$W_{yg,-}$	[mm ³ /mm]	7.48	9.11	10.74
$W_{yef,U,+}$	[mm ³ /mm]	9.06	11.16	13.14
$W_{yef,U,-}$	[mm ³ /mm]	4.42	6.28	7.38

KERESZTMETSZETI JELLEMZŐK - NEGATÍV ELHELYEZÉS

t_d	[mm]	0.46	0.56	0.66
A_g	[mm ² /mm]	0.579	0.705	0.831
$A_{ef,U}$	[mm ² /mm]	0.233	0.336	0.395
z_{CGg}	[mm]	24.35	24.35	24.35
$z_{CGef,U}$	[mm]	17.48	18.89	18.87
$z_{CGef,S}$	[mm]	19.09	20.03	20.01
I_{yg}	[mm ⁴ /mm]	182.2	221.8	261.4
$I_{yef,U}$	[mm ⁴ /mm]	113.2	151.9	178.7
$I_{yef,S}$	[mm ⁴ /mm]	126.5	165.0	194.3
$W_{yg,+}$	[mm ³ /mm]	7.48	9.11	10.74
$W_{yg,-}$	[mm ³ /mm]	9.77	11.89	14.02
$W_{yef,U,+}$	[mm ³ /mm]	6.48	8.04	9.47
$W_{yef,U,-}$	[mm ³ /mm]	4.43	6.30	7.40

LTP 85

ANYAGJELLEMZŐK

Vastagság [mm]	0.75	0.88	1.00	1.13	1.25	1.50
fyb [MPa]	320	320	320	320	320	320
fya [MPa]	322.3	322.7	323.0	323.5	323.8	324.6
Önsúly [kN/m ²]	0.072	0.086	0.098	0.111	0.123	0.149

GEOMETRIAI JELLEMZŐK - POZITÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	0.939	1.111	1.270	1.442	1.601	1.931
Aef,U [mm ² /mm]	0.462	0.621	0.780	0.966	1.148	1.534
zCGg [mm]	32.92	32.92	32.92	32.92	32.92	32.92
zCGef,U [mm]	30.20	31.00	31.58	32.09	32.47	32.57
zCGef,S [mm]	31.95	32.48	32.88	32.92	32.92	32.92
Iyg [mm ⁴ /mm]	922.8	1092	1248	1417	1573	1898
Iyef,U [mm ⁴ /mm]	815.1	1003	1179	1372	1551	1878
Iyef,S [mm ⁴ /mm]	877.6	1068	1245	1417	1573	1898
Wyg,+ [mm ³ /mm]	28.03	33.17	37.91	43.04	47.78	57.65
Wyg,- [mm ³ /mm]	18.43	21.80	24.92	28.29	31.40	37.89
Wyef,U,+ [mm ³ /mm]	26.99	32.35	37.33	42.75	47.77	57.67
Wyef,U,- [mm ³ /mm]	15.44	19.28	22.92	26.95	30.69	37.25

GEOMETRIAI JELLEMZŐK - NEGATÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	0.939	1.111	1.270	1.442	1.601	1.931
Aef,U [mm ² /mm]	0.462	0.621	0.780	0.966	1.148	1.534
zCGg [mm]	50.08	50.08	50.08	50.08	50.08	50.08
zCGef,U [mm]	42.98	45.20	46.49	47.62	48.47	49.04
zCGef,S [mm]	48.26	49.30	50.04	50.08	50.08	50.08
Iyg [mm ⁴ /mm]	922.8	1092	1248	1417	1573	1898
Iyef,U [mm ⁴ /mm]	713.1	916.3	1100	1302	1490	1834
Iyef,S [mm ⁴ /mm]	866.6	1063	1246	1417	1573	1898
Wyg,+ [mm ³ /mm]	18.43	21.80	24.92	28.29	31.40	37.89
Wyg,- [mm ³ /mm]	28.03	33.17	37.91	43.04	47.78	57.65
Wyef,U,+ [mm ³ /mm]	16.59	20.27	23.67	27.35	30.74	37.39
Wyef,U,- [mm ³ /mm]	17.82	24.24	30.13	36.81	43.16	53.99

LTP 100

ANYAGJELLEMZŐK

Vastagság [mm]	0.75	0.88	1.00	1.13	1.25	1.50
fyb [MPa]	320	320	320	320	320	320
fya [MPa]	322.5	322.9	323.3	323.8	324.2	325.1
Önsúly [kN/m ²]	0.081	0.095	0.109	0.124	0.137	0.166

GEOMETRIAI JELLEMZŐK - POZITÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.047	1.238	1.415	1.607	1.784	2.152
Aef,U [mm ² /mm]	0.447	0.613	0.779	0.968	1.153	1.550
zCGg [mm]	37.75	37.75	37.75	37.75	37.75	37.75
zCGef,U [mm]	34.40	35.39	36.09	36.69	37.14	37.29
zCGef,S [mm]	36.66	37.26	37.71	37.75	37.75	37.75
Iyg [mm ⁴ /mm]	1479	1750	2000	2271	2521	3042
Iyef,U [mm ⁴ /mm]	1302	1604	1886	2195	2482	3007
Iyef,S [mm ⁴ /mm]	1408	1712	1996	2271	2521	3042
Wyg,+ [mm ³ /mm]	39.18	46.35	52.98	60.15	66.77	80.57
Wyg,- [mm ³ /mm]	23.76	28.11	32.13	36.48	40.49	48.86
Wyef,U,+ [mm ³ /mm]	37.86	45.32	52.26	59.83	66.82	80.64
Wyef,U,- [mm ³ /mm]	19.85	24.82	29.51	34.68	39.48	47.95

GEOMETRIAI JELLEMZŐK - NEGATÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.047	1.238	1.415	1.607	1.784	2.152
Aef,U [mm ² /mm]	0.447	0.613	0.779	0.968	1.153	1.550
zCGg [mm]	62.25	62.25	62.25	62.25	62.25	62.25
zCGef,U [mm]	48.50	52.65	54.06	55.48	56.78	59.00
zCGef,S [mm]	58.38	59.81	60.91	61.88	62.25	62.25
Iyg [mm ⁴ /mm]	1479	1750	2000	2271	2521	3042
Iyef,U [mm ⁴ /mm]	980.8	1305	1567	1865	2157	2781
Iyef,S [mm ⁴ /mm]	1326	1636	1928	2248	2521	3042
Wyg,+ [mm ³ /mm]	23.76	28.11	32.13	36.48	40.49	48.86
Wyg,- [mm ³ /mm]	39.18	46.35	52.98	60.15	66.77	80.57
Wyef,U,+ [mm ³ /mm]	20.22	24.79	28.98	33.61	37.98	47.14
Wyef,U,- [mm ³ /mm]	19.04	27.56	34.11	41.89	49.90	67.84

LTP 135

ANYAGJELLEMZŐK

Vastagság [mm]	0.75	0.88	1.00	1.13	1.25	1.50
fyb [MPa]	320	320	320	320	320	320
fya [MPa]	322.0	322.4	322.8	323.1	323.5	324.2
Önsúly [kN/m ²]	0.088	0.104	0.118	0.134	0.149	0.180

GEOMETRIAI JELLEMZŐK - POZITÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.137	1.345	1.538	1.746	1.938	2.338
Aef,U [mm ² /mm]	0.499	0.669	0.842	1.043	1.240	1.651
zCGg [mm]	53.96	53.96	53.96	53.96	53.96	53.96
zCGef,U [mm]	44.56	47.43	49.41	50.63	51.51	52.38
zCGef,S [mm]	52.38	53.09	53.63	53.96	53.96	53.96
Iyg [mm ⁴ /mm]	2899	3430	3920	4451	4941	5962
Iyef,U [mm ⁴ /mm]	2305	2909	3483	4098	4665	5760
Iyef,S [mm ⁴ /mm]	2750	3332	3878	4451	4941	5962
Wyg,+ [mm ³ /mm]	53.72	63.56	72.64	82.48	91.56	110.48
Wyg,- [mm ³ /mm]	34.91	41.31	47.21	53.60	59.50	71.80
Wyef,U,+ [mm ³ /mm]	51.73	61.33	70.50	80.93	90.56	109.96
Wyef,U,- [mm ³ /mm]	24.94	32.48	39.77	47.44	54.56	68.07

GEOMETRIAI JELLEMZŐK - NEGATÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.137	1.345	1.538	1.746	1.938	2.338
Aef,U [mm ² /mm]	0.499	0.669	0.842	1.043	1.240	1.651
zCGg [mm]	83.04	83.04	83.04	83.04	83.04	83.04
zCGef,U [mm]	74.34	77.01	78.77	80.10	80.53	81.18
zCGef,S [mm]	82.30	83.04	83.04	83.04	83.04	83.04
Iyg [mm ⁴ /mm]	2899	3430	3920	4451	4941	5962
Iyef,U [mm ⁴ /mm]	2401	3021	3591	4196	4700	5747
Iyef,S [mm ⁴ /mm]	2854	3430	3920	4451	4941	5962
Wyg,+ [mm ³ /mm]	34.91	41.31	47.21	53.60	59.50	71.80
Wyg,- [mm ³ /mm]	53.72	63.56	72.64	82.48	91.56	110.48
Wyef,U,+ [mm ³ /mm]	32.30	39.24	45.59	52.39	58.36	70.79
Wyef,U,- [mm ³ /mm]	38.32	50.36	61.67	73.75	83.24	102.95

LTP 150

ANYAGJELLEMZŐK

Vastagság [mm]	0.75	0.88	1.00	1.13	1.25	1.50
fyb [MPa]	320	320	320	320	320	320
fya [MPa]	322.1	322.5	322.9	323.3	323.6	324.4
Önsúly [kN/m ²]	0.097	0.115	0.131	0.149	0.166	0.200

GEOMETRIAI JELLEMZŐK - POZITÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.263	1.494	1.707	1.939	2.152	2.597
Aef,U [mm ² /mm]	0.552	0.766	0.986	1.237	1.477	1.975
zCGg [mm]	64.20	64.20	64.20	64.20	64.20	64.20
zCGef,U [mm]	56.64	59.19	60.51	61.59	62.35	62.89
zCGef,S [mm]	62.80	63.51	64.06	64.20	64.20	64.20
Iyg [mm ⁴ /mm]	3840	4543	5192	5895	6544	7897
Iyef,U [mm ⁴ /mm]	3262	4055	4789	5586	6322	7714
Iyef,S [mm ⁴ /mm]	3683	4452	5170	5895	6544	7897
Wyg,+ [mm ³ /mm]	59.81	70.76	80.87	91.82	101.93	123.00
Wyg,- [mm ³ /mm]	43.25	51.16	58.47	66.39	73.70	88.93
Wyef,U,+ [mm ³ /mm]	57.58	68.51	79.15	90.70	101.38	122.65
Wyef,U,- [mm ³ /mm]	33.85	43.23	51.78	61.11	69.74	85.61

GEOMETRIAI JELLEMZŐK - NEGATÍV ELHELYEZÉS

td [mm]	0.71	0.84	0.96	1.09	1.21	1.46
Ag [mm ² /mm]	1.263	1.494	1.707	1.939	2.152	2.597
Aef,U [mm ² /mm]	0.552	0.766	0.986	1.237	1.477	1.975
zCGg [mm]	88.80	88.80	88.80	88.80	88.80	88.80
zCGef,U [mm]	77.48	79.97	81.62	83.04	84.22	85.68
zCGef,S [mm]	85.89	87.32	88.39	88.80	88.80	88.80
Iyg [mm ⁴ /mm]	3840	4543	5192	5895	6544	7897
Iyef,U [mm ⁴ /mm]	2989	3751	4455	5228	5958	7419
Iyef,S [mm ⁴ /mm]	3604	4402	5147	5895	6544	7897
Wyg,+ [mm ³ /mm]	43.24	51.16	58.47	66.39	73.70	88.93
Wyg,- [mm ³ /mm]	59.81	70.76	80.87	91.82	101.93	123.00
Wyef,U,+ [mm ³ /mm]	38.58	46.91	54.59	62.95	70.75	86.60
Wyef,U,- [mm ³ /mm]	39.58	51.36	62.42	74.73	86.62	110.20

KERESZTMETSZETI ELLENÁLLÁSOK TÁBLÁZATAI

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LTP 20

Vastagság	[mm]	0.40	0.50	0.60	0.70
POZITÍV ELHELYEZÉS					
MRd+	[kNm/m]	0.363	0.515	0.678	1.117
TRd	[kN/m]	15.03	19.21	23.39	38.59
FRd,e	[kN/m]	2.74	4.37	6.32	10.18
FRd,i (10mm)	[kN/m]	5.49	8.73	12.65	20.37
FRd,i (15mm)	[kN/m]	6.23	9.85	14.20	22.77
FRd,i (20mm)	[kN/m]	6.85	10.79	15.50	24.79
FRd,i (25mm)	[kN/m]	7.40	11.62	16.65	26.57
FRd,i (30mm)	[kN/m]	7.89	12.37	17.69	28.18
FRd,i (40mm)	[kN/m]	8.77	13.70	19.54	31.04
FRd,i (50mm)	[kN/m]	9.55	14.87	21.16	33.56
FRd,i (60mm)	[kN/m]	10.25	15.93	22.63	35.84
FRd,i (70mm)	[kN/m]	10.90	16.91	23.98	37.93
FRd,i (80mm)	[kN/m]	11.50	17.82	25.24	39.88
FRd,i (100mm)	[kN/m]	12.59	19.48	27.54	43.45
FRd,i (120mm)	[kN/m]	13.58	20.97	29.62	46.67
FRd,i (140mm)	[kN/m]	14.50	22.35	31.53	49.63
FRd,i (160mm)	[kN/m]	15.35	23.64	33.31	52.39
FRd,i (180mm)	[kN/m]	16.14	24.84	34.98	54.98
FRd,i (200mm)	[kN/m]	16.90	25.98	36.56	57.43
NEGATÍV ELHELYEZÉS					
MRd+	[kNm/m]	0.350	0.513	0.666	1.099
TRd	[kN/m]	15.03	19.21	23.39	38.59
FRd,e	[kN/m]	2.74	4.37	6.32	10.18
FRd,i (10mm)	[kN/m]	5.49	8.73	12.65	20.37
FRd,i (15mm)	[kN/m]	6.23	9.85	14.20	22.77
FRd,i (20mm)	[kN/m]	6.85	10.79	15.50	24.79
FRd,i (25mm)	[kN/m]	7.40	11.62	16.65	26.57
FRd,i (30mm)	[kN/m]	7.89	12.37	17.69	28.18
FRd,i (40mm)	[kN/m]	8.77	13.70	19.54	31.04
FRd,i (50mm)	[kN/m]	9.55	14.87	21.16	33.56
FRd,i (60mm)	[kN/m]	10.25	15.93	22.63	35.84
FRd,i (70mm)	[kN/m]	10.90	16.91	23.98	37.93
FRd,i (80mm)	[kN/m]	11.50	17.82	25.24	39.88
FRd,i (100mm)	[kN/m]	12.59	19.48	27.54	43.45
FRd,i (120mm)	[kN/m]	13.58	20.97	29.62	46.67
FRd,i (140mm)	[kN/m]	14.50	22.35	31.53	49.63
FRd,i (160mm)	[kN/m]	15.35	23.64	33.31	52.39
FRd,i (180mm)	[kN/m]	16.14	24.84	34.98	54.98
FRd,i (200mm)	[kN/m]	16.90	25.98	36.56	57.43

LLP 20

Vastagság	[mm]	0.40	0.50	0.60	0.70
POZITÍV ELHELYEZÉS					
MRd+	[kNm/m]	0.414	0.594	0.795	1.309
TRd	[kN/m]	17.29	22.09	26.89	44.38
FRd,e	[kN/m]	3.08	4.90	7.10	11.44
FRd,i (10mm)	[kN/m]	6.16	9.81	14.20	22.87
FRd,i (15mm)	[kN/m]	6.99	11.06	15.94	25.56
FRd,i (20mm)	[kN/m]	7.69	12.12	17.41	27.83
FRd,i (25mm)	[kN/m]	8.31	13.05	18.70	29.84
FRd,i (30mm)	[kN/m]	8.86	13.89	19.86	31.64
FRd,i (40mm)	[kN/m]	9.85	15.39	21.94	34.86
FRd,i (50mm)	[kN/m]	10.72	16.70	23.76	37.68
FRd,i (60mm)	[kN/m]	11.51	17.89	25.41	40.24
FRd,i (70mm)	[kN/m]	12.23	18.99	26.93	42.59
FRd,i (80mm)	[kN/m]	12.91	20.01	28.34	44.78
FRd,i (100mm)	[kN/m]	14.14	21.87	30.92	48.78
FRd,i (120mm)	[kN/m]	15.25	23.55	33.26	52.40
FRd,i (140mm)	[kN/m]	16.28	25.10	35.40	55.73
FRd,i (160mm)	[kN/m]	17.23	26.54	37.40	58.82
FRd,i (180mm)	[kN/m]	18.13	27.89	39.28	61.73
FRd,i (200mm)	[kN/m]	18.97	29.17	41.05	64.48
NEGATÍV ELHELYEZÉS					
MRd+	[kNm/m]	0.414	0.594	0.795	1.309
TRd	[kN/m]	17.29	22.09	26.89	44.38
FRd,e	[kN/m]	3.08	4.90	7.10	11.44
FRd,i (10mm)	[kN/m]	6.16	9.81	14.20	22.87
FRd,i (15mm)	[kN/m]	6.99	11.06	15.94	25.56
FRd,i (20mm)	[kN/m]	7.69	12.12	17.41	27.83
FRd,i (25mm)	[kN/m]	8.31	13.05	18.70	29.84
FRd,i (30mm)	[kN/m]	8.86	13.89	19.86	31.64
FRd,i (40mm)	[kN/m]	9.85	15.39	21.94	34.86
FRd,i (50mm)	[kN/m]	10.72	16.70	23.76	37.68
FRd,i (60mm)	[kN/m]	11.51	17.89	25.41	40.24
FRd,i (70mm)	[kN/m]	12.23	18.99	26.93	42.59
FRd,i (80mm)	[kN/m]	12.91	20.01	28.34	44.78
FRd,i (100mm)	[kN/m]	14.14	21.87	30.92	48.78
FRd,i (120mm)	[kN/m]	15.25	23.55	33.26	52.40
FRd,i (140mm)	[kN/m]	16.28	25.10	35.40	55.73
FRd,i (160mm)	[kN/m]	17.23	26.54	37.40	58.82
FRd,i (180mm)	[kN/m]	18.13	27.89	39.28	61.73
FRd,i (200mm)	[kN/m]	18.97	29.17	41.05	64.48

LV 30

Vastagság [mm] 0.50 0.60 0.70

POZITÍV ELHELYEZÉS

MRd+	[kNm/m]	0.675	0.917	1.511
TRd	[kN/m]	20.13	25.52	42.11
FRd,e	[kN/m]	3.08	4.46	7.18
FRd,i (10mm)	[kN/m]	6.16	8.92	14.37
FRd,i (15mm)	[kN/m]	6.95	10.01	16.06
FRd,i (20mm)	[kN/m]	7.61	10.93	17.48
FRd,i (25mm)	[kN/m]	8.20	11.74	18.74
FRd,i (30mm)	[kN/m]	8.72	12.48	19.88
FRd,i (40mm)	[kN/m]	9.66	13.78	21.89
FRd,i (50mm)	[kN/m]	10.49	14.92	23.67
FRd,i (60mm)	[kN/m]	11.24	15.96	25.28
FRd,i (70mm)	[kN/m]	11.93	16.91	26.75
FRd,i (80mm)	[kN/m]	12.57	17.80	28.13
FRd,i (100mm)	[kN/m]	13.74	19.42	30.64
FRd,i (120mm)	[kN/m]	14.79	20.89	32.91
FRd,i (140mm)	[kN/m]	15.77	22.24	35.00
FRd,i (160mm)	[kN/m]	16.67	23.49	36.95
FRd,i (180mm)	[kN/m]	17.52	24.67	38.78
FRd,i (200mm)	[kN/m]	18.32	25.79	40.50

NEGATÍV ELHELYEZÉS

MRd+	[kNm/m]	0.657	0.888	1.462
TRd	[kN/m]	20.13	25.52	42.11
FRd,e	[kN/m]	3.08	4.46	7.18
FRd,i (10mm)	[kN/m]	6.16	8.92	14.37
FRd,i (15mm)	[kN/m]	6.95	10.01	16.06
FRd,i (20mm)	[kN/m]	7.61	10.93	17.48
FRd,i (25mm)	[kN/m]	8.20	11.74	18.74
FRd,i (30mm)	[kN/m]	8.72	12.48	19.88
FRd,i (40mm)	[kN/m]	9.66	13.78	21.89
FRd,i (50mm)	[kN/m]	10.49	14.92	23.67
FRd,i (60mm)	[kN/m]	11.24	15.96	25.28
FRd,i (70mm)	[kN/m]	11.93	16.91	26.75
FRd,i (80mm)	[kN/m]	12.57	17.80	28.13
FRd,i (100mm)	[kN/m]	13.74	19.42	30.64
FRd,i (120mm)	[kN/m]	14.79	20.89	32.91
FRd,i (140mm)	[kN/m]	15.77	22.24	35.00
FRd,i (160mm)	[kN/m]	16.67	23.49	36.95
FRd,i (180mm)	[kN/m]	17.52	24.67	38.78
FRd,i (200mm)	[kN/m]	18.32	25.79	40.50

LVV 30

Vastagság [mm] 0.50 0.60 0.70

POZITÍV ELHELYEZÉS

MRd+	[kNm/m]	0.650	0.878	1.446
TRd	[kN/m]	20.13	25.52	42.11
FRd,e	[kN/m]	3.08	4.46	7.18
FRd,i (10mm)	[kN/m]	6.16	8.92	14.37
FRd,i (15mm)	[kN/m]	6.95	10.01	16.06
FRd,i (20mm)	[kN/m]	7.61	10.93	17.48
FRd,i (25mm)	[kN/m]	8.20	11.74	18.74
FRd,i (30mm)	[kN/m]	8.72	12.48	19.88
FRd,i (40mm)	[kN/m]	9.66	13.78	21.89
FRd,i (50mm)	[kN/m]	10.49	14.92	23.67
FRd,i (60mm)	[kN/m]	11.24	15.96	25.28
FRd,i (70mm)	[kN/m]	11.93	16.91	26.75
FRd,i (80mm)	[kN/m]	12.57	17.80	28.13
FRd,i (100mm)	[kN/m]	13.74	19.42	30.64
FRd,i (120mm)	[kN/m]	14.79	20.89	32.91
FRd,i (140mm)	[kN/m]	15.77	22.24	35.00
FRd,i (160mm)	[kN/m]	16.67	23.49	36.95
FRd,i (180mm)	[kN/m]	17.52	24.67	38.78
FRd,i (200mm)	[kN/m]	18.32	25.79	40.50

NEGATÍV ELHELYEZÉS

MRd+	[kNm/m]	0.640	0.864	1.423
TRd	[kN/m]	20.13	25.52	42.11
FRd,e	[kN/m]	3.08	4.46	7.18
FRd,i (10mm)	[kN/m]	6.16	8.92	14.37
FRd,i (15mm)	[kN/m]	6.95	10.01	16.06
FRd,i (20mm)	[kN/m]	7.61	10.93	17.48
FRd,i (25mm)	[kN/m]	8.20	11.74	18.74
FRd,i (30mm)	[kN/m]	8.72	12.48	19.88
FRd,i (40mm)	[kN/m]	9.66	13.78	21.89
FRd,i (50mm)	[kN/m]	10.49	14.92	23.67
FRd,i (60mm)	[kN/m]	11.24	15.96	25.28
FRd,i (70mm)	[kN/m]	11.93	16.91	26.75
FRd,i (80mm)	[kN/m]	12.57	17.80	28.13
FRd,i (100mm)	[kN/m]	13.74	19.42	30.64
FRd,i (120mm)	[kN/m]	14.79	20.89	32.91
FRd,i (140mm)	[kN/m]	15.77	22.24	35.00
FRd,i (160mm)	[kN/m]	16.67	23.49	36.95
FRd,i (180mm)	[kN/m]	17.52	24.67	38.78
FRd,i (200mm)	[kN/m]	18.32	25.79	40.50

LTP 45

Vastagság [mm] 0.50 0.60 0.70

POZITÍV ELHELYEZÉS

MRd+	[kNm/m]	1.006	1.427	2.348
TRd	[kN/m]	18.01	26.69	43.87
FRd,e	[kN/m]	2.81	4.07	6.55
FRd,i (10mm)	[kN/m]	5.62	8.13	13.10
FRd,i (15mm)	[kN/m]	6.33	9.13	14.64
FRd,i (20mm)	[kN/m]	6.94	9.97	15.94
FRd,i (25mm)	[kN/m]	7.47	10.71	17.08
FRd,i (30mm)	[kN/m]	7.95	11.37	18.12
FRd,i (40mm)	[kN/m]	8.81	12.56	19.96
FRd,i (50mm)	[kN/m]	9.56	13.61	21.58
FRd,i (60mm)	[kN/m]	10.24	14.55	23.04
FRd,i (70mm)	[kN/m]	10.87	15.42	24.39
FRd,i (80mm)	[kN/m]	11.46	16.23	25.64
FRd,i (100mm)	[kN/m]	12.52	17.71	27.93
FRd,i (120mm)	[kN/m]	13.49	19.04	30.00
FRd,i (140mm)	[kN/m]	14.37	20.27	31.91
FRd,i (160mm)	[kN/m]	15.20	21.42	33.68
FRd,i (180mm)	[kN/m]	15.97	22.49	35.35
FRd,i (200mm)	[kN/m]	16.70	23.51	36.92

NEGATÍV ELHELYEZÉS

MRd+	[kNm/m]	1.008	1.432	2.356
TRd	[kN/m]	18.01	26.69	43.87
FRd,e	[kN/m]	2.81	4.07	6.55
FRd,i (10mm)	[kN/m]	5.62	8.13	13.10
FRd,i (15mm)	[kN/m]	6.33	9.13	14.64
FRd,i (20mm)	[kN/m]	6.94	9.97	15.94
FRd,i (25mm)	[kN/m]	7.47	10.71	17.08
FRd,i (30mm)	[kN/m]	7.95	11.37	18.12
FRd,i (40mm)	[kN/m]	8.81	12.56	19.96
FRd,i (50mm)	[kN/m]	9.56	13.61	21.58
FRd,i (60mm)	[kN/m]	10.24	14.55	23.04
FRd,i (70mm)	[kN/m]	10.87	15.42	24.39
FRd,i (80mm)	[kN/m]	11.46	16.23	25.64
FRd,i (100mm)	[kN/m]	12.52	17.71	27.93
FRd,i (120mm)	[kN/m]	13.49	19.04	30.00
FRd,i (140mm)	[kN/m]	14.37	20.27	31.91
FRd,i (160mm)	[kN/m]	15.20	21.42	33.68
FRd,i (180mm)	[kN/m]	15.97	22.49	35.35
FRd,i (200mm)	[kN/m]	16.70	23.51	36.92

LTP 85

Vastagság	[mm]	0.75	0.88	1.00	1.13	1.25	1.50
POZITÍV ELHELYEZÉS							
MRd	[kNm/m]	4.491	5.609	6.669	7.839	8.928	10.99
TRd	[kN/m]	33.89	52.28	67.70	86.60	106.07	145.38
FRd,e	[kN/m]	3.85	5.26	6.90	8.95	11.09	16.39
FRd,i (10mm)	[kN/m]	7.69	10.52	13.81	17.89	22.18	32.78
FRd,i (15mm)	[kN/m]	8.58	11.69	15.29	19.75	24.41	35.91
FRd,i (20mm)	[kN/m]	9.33	12.67	16.53	21.31	26.30	38.55
FRd,i (25mm)	[kN/m]	10.00	13.54	17.63	22.69	27.96	40.88
FRd,i (30mm)	[kN/m]	10.59	14.33	18.63	23.94	29.46	42.98
FRd,i (40mm)	[kN/m]	11.66	15.72	20.39	26.15	32.12	46.72
FRd,i (50mm)	[kN/m]	12.59	16.95	21.95	28.10	34.47	50.01
FRd,i (60mm)	[kN/m]	13.44	18.05	23.36	29.86	36.59	52.99
FRd,i (70mm)	[kN/m]	14.21	19.07	24.65	31.48	38.54	55.72
FRd,i (80mm)	[kN/m]	14.94	20.02	25.85	32.99	40.36	58.27
FRd,i (100mm)	[kN/m]	16.26	21.76	28.05	35.75	43.68	62.92
FRd,i (120mm)	[kN/m]	17.46	23.33	30.04	38.24	46.68	67.13
FRd,i (140mm)	[kN/m]	18.56	24.77	31.87	40.53	49.44	71.00
FRd,i (160mm)	[kN/m]	19.58	26.11	33.57	42.66	52.01	74.60
FRd,i (180mm)	[kN/m]	20.54	27.37	35.17	44.67	54.43	77.99
FRd,i (200mm)	[kN/m]	21.45	28.57	36.68	46.56	56.71	81.19
NEGATÍV ELHELYEZÉS							
MRd	[kNm/m]	4.827	5.897	6.885	7.956	8.944	10.88
TRd	[kN/m]	33.89	52.28	67.70	86.60	106.07	145.38
FRd,e	[kN/m]	4.81	6.72	8.92	11.63	14.43	21.17
FRd,i (10mm)	[kN/m]	9.62	13.44	17.84	23.26	28.86	42.33
FRd,i (15mm)	[kN/m]	10.73	14.94	19.75	25.67	31.76	46.38
FRd,i (20mm)	[kN/m]	11.67	16.19	21.37	27.70	34.22	49.79
FRd,i (25mm)	[kN/m]	12.50	17.30	22.79	29.49	36.38	52.80
FRd,i (30mm)	[kN/m]	13.24	18.30	24.07	31.11	38.33	55.51
FRd,i (40mm)	[kN/m]	14.57	20.08	26.35	33.99	41.80	60.34
FRd,i (50mm)	[kN/m]	15.74	21.65	28.36	36.52	44.85	64.59
FRd,i (60mm)	[kN/m]	16.80	23.07	30.18	38.81	47.61	68.43
FRd,i (70mm)	[kN/m]	17.77	24.37	31.85	40.92	50.15	71.97
FRd,i (80mm)	[kN/m]	18.67	25.58	33.41	42.88	52.52	75.25
FRd,i (100mm)	[kN/m]	20.33	27.80	36.25	46.46	56.84	81.27
FRd,i (120mm)	[kN/m]	21.82	29.80	38.82	49.70	60.74	86.70
FRd,i (140mm)	[kN/m]	23.19	31.65	41.18	52.68	64.33	91.70
FRd,i (160mm)	[kN/m]	24.47	33.36	43.38	55.45	67.68	96.35
FRd,i (180mm)	[kN/m]	25.68	34.97	45.45	58.06	70.82	100.72
FRd,i (200mm)	[kN/m]	26.81	36.50	47.40	60.52	73.79	104.85

LTP 100

Vastagság	[mm]	0.75	0.88	1.00	1.13	1.25	1.50
POZITÍV ELHELYEZÉS							
MRd	[kNm/m]	5.776	7.221	8.586	10.09	11.49	14.17
TRd	[kN/m]	35.98	58.21	77.22	98.77	120.96	174.25
FRd, e	[kN/m]	4.44	6.17	8.02	10.32	12.71	18.57
FRd, i (10mm)	[kN/m]	8.87	12.34	16.05	20.64	25.41	37.15
FRd, i (15mm)	[kN/m]	9.90	13.71	17.77	22.78	27.98	40.70
FRd, i (20mm)	[kN/m]	10.77	14.86	19.22	24.58	30.14	43.69
FRd, i (25mm)	[kN/m]	11.53	15.88	20.50	26.17	32.04	46.33
FRd, i (30mm)	[kN/m]	12.22	16.80	21.66	27.61	33.76	48.72
FRd, i (40mm)	[kN/m]	13.44	18.43	23.71	30.16	36.81	52.95
FRd, i (50mm)	[kN/m]	14.52	19.87	25.52	32.40	39.50	56.68
FRd, i (60mm)	[kN/m]	15.50	21.17	27.15	34.44	41.94	60.05
FRd, i (70mm)	[kN/m]	16.40	22.37	28.65	36.31	44.17	63.15
FRd, i (80mm)	[kN/m]	17.23	23.48	30.05	38.04	46.25	66.04
FRd, i (100mm)	[kN/m]	18.76	25.52	32.61	41.22	50.06	71.32
FRd, i (120mm)	[kN/m]	20.14	27.36	34.92	44.10	53.50	76.09
FRd, i (140mm)	[kN/m]	21.40	29.05	37.05	46.74	56.66	80.47
FRd, i (160mm)	[kN/m]	22.58	30.62	39.02	49.20	59.61	84.55
FRd, i (180mm)	[kN/m]	23.69	32.10	40.88	51.51	62.37	88.39
FRd, i (200mm)	[kN/m]	24.74	33.50	42.64	53.70	64.99	92.02
NEGATÍV ELHELYEZÉS							
MRd	[kNm/m]	5.540	7.212	8.431	9.776	11.05	13.71
TRd	[kN/m]	35.98	58.21	77.22	98.77	120.96	174.25
FRd, e	[kN/m]	5.67	8.04	10.56	13.66	16.84	24.46
FRd, i (10mm)	[kN/m]	11.34	16.08	21.13	27.31	33.67	48.91
FRd, i (15mm)	[kN/m]	12.66	17.87	23.39	30.14	37.07	53.59
FRd, i (20mm)	[kN/m]	13.76	19.37	25.30	32.53	39.93	57.53
FRd, i (25mm)	[kN/m]	14.74	20.70	26.99	34.63	42.45	61.00
FRd, i (30mm)	[kN/m]	15.62	21.89	28.51	36.54	44.73	64.14
FRd, i (40mm)	[kN/m]	17.18	24.02	31.21	39.91	48.77	69.72
FRd, i (50mm)	[kN/m]	18.56	25.90	33.59	42.89	52.34	74.63
FRd, i (60mm)	[kN/m]	19.81	27.59	35.74	45.58	55.56	79.07
FRd, i (70mm)	[kN/m]	20.96	29.15	37.72	48.05	58.52	83.15
FRd, i (80mm)	[kN/m]	22.02	30.60	39.56	50.35	61.28	86.95
FRd, i (100mm)	[kN/m]	23.97	33.25	42.93	54.56	66.32	93.90
FRd, i (120mm)	[kN/m]	25.74	35.65	45.97	58.36	70.88	100.18
FRd, i (140mm)	[kN/m]	27.36	37.86	48.77	61.86	75.07	105.95
FRd, i (160mm)	[kN/m]	28.87	39.91	51.37	65.12	78.97	111.32
FRd, i (180mm)	[kN/m]	30.28	41.83	53.82	68.17	82.64	116.37
FRd, i (200mm)	[kN/m]	31.62	43.66	56.13	71.07	86.10	121.15

LTP 135

Vastagság	[mm]	0.75	0.88	1.00	1.13	1.25	1.50
POZITÍV ELHELYEZÉS							
MRd	[kNm/m]	7.255	9.448	11.57	13.80	15.87	20.06
TRd	[kN/m]	23.77	38.43	56.34	81.12	108.26	155.89
FRd,e	[kN/m]	4.20	5.94	7.87	10.34	13.01	19.96
FRd,i (10mm)	[kN/m]	8.40	11.88	15.74	20.68	26.02	39.92
FRd,i (15mm)	[kN/m]	9.37	13.20	17.43	22.82	28.64	43.74
FRd,i (20mm)	[kN/m]	10.19	14.31	18.85	24.63	30.85	46.96
FRd,i (25mm)	[kN/m]	10.91	15.29	20.10	26.22	32.80	49.79
FRd,i (30mm)	[kN/m]	11.56	16.18	21.24	27.66	34.56	52.35
FRd,i (40mm)	[kN/m]	12.72	17.75	23.25	30.22	37.69	56.90
FRd,i (50mm)	[kN/m]	13.74	19.14	25.02	32.47	40.44	60.91
FRd,i (60mm)	[kN/m]	14.67	20.39	26.62	34.51	42.93	64.54
FRd,i (70mm)	[kN/m]	15.52	21.54	28.10	36.38	45.22	67.87
FRd,i (80mm)	[kN/m]	16.31	22.62	29.47	38.12	47.35	70.97
FRd,i (100mm)	[kN/m]	17.75	24.57	31.98	41.31	51.25	76.64
FRd,i (120mm)	[kN/m]	19.05	26.35	34.24	44.19	54.77	81.77
FRd,i (140mm)	[kN/m]	20.25	27.98	36.33	46.83	58.01	86.48
FRd,i (160mm)	[kN/m]	21.37	29.49	38.27	49.30	61.02	90.87
FRd,i (180mm)	[kN/m]	22.42	30.92	40.09	51.61	63.85	94.99
FRd,i (200mm)	[kN/m]	23.41	32.26	41.81	53.80	66.53	98.89
NEGATÍV ELHELYEZÉS							
MRd	[kNm/m]	9.397	11.41	13.26	15.24	16.98	20.59
TRd	[kN/m]	23.77	38.43	56.34	81.12	108.26	155.89
FRd,e	[kN/m]	5.11	7.24	9.52	12.31	15.18	22.06
FRd,i (10mm)	[kN/m]	10.21	14.49	19.04	24.63	30.37	44.13
FRd,i (15mm)	[kN/m]	11.40	16.10	21.09	27.18	33.43	48.35
FRd,i (20mm)	[kN/m]	12.39	17.45	22.81	29.33	36.01	51.90
FRd,i (25mm)	[kN/m]	13.27	18.65	24.33	31.23	38.28	55.04
FRd,i (30mm)	[kN/m]	14.07	19.73	25.70	32.94	40.34	57.87
FRd,i (40mm)	[kN/m]	15.47	21.65	28.13	35.99	43.99	62.90
FRd,i (50mm)	[kN/m]	16.72	23.34	30.28	38.67	47.20	67.33
FRd,i (60mm)	[kN/m]	17.84	24.86	32.22	41.10	50.11	71.33
FRd,i (70mm)	[kN/m]	18.87	26.27	34.00	43.33	52.78	75.02
FRd,i (80mm)	[kN/m]	19.83	27.58	35.66	45.40	55.27	78.45
FRd,i (100mm)	[kN/m]	21.59	29.96	38.70	49.20	59.82	84.71
FRd,i (120mm)	[kN/m]	23.18	32.12	41.44	52.63	63.93	90.38
FRd,i (140mm)	[kN/m]	24.64	34.11	43.96	55.78	67.71	95.59
FRd,i (160mm)	[kN/m]	25.99	35.96	46.31	58.71	71.23	100.44
FRd,i (180mm)	[kN/m]	27.27	37.70	48.51	61.47	74.53	104.99
FRd,i (200mm)	[kN/m]	28.48	39.34	50.60	64.08	77.66	109.30

LTP 150

Vastagság	[mm]	0.75	0.88	1.00	1.13	1.25	1.50
POZITÍV ELHELYEZÉS							
MRd	[kNm/m]	9.847	12.58	15.06	17.78	20.29	25.25
TRd	[kN/m]	24.89	40.20	58.89	84.74	114.38	177.04
FRd,e	[kN/m]	4.63	6.61	8.83	11.69	14.82	23.09
FRd,i (10mm)	[kN/m]	9.27	13.23	17.65	23.38	29.64	46.17
FRd,i (15mm)	[kN/m]	10.34	14.70	19.55	25.81	32.63	50.59
FRd,i (20mm)	[kN/m]	11.24	15.93	21.14	27.85	35.15	54.31
FRd,i (25mm)	[kN/m]	12.04	17.02	22.55	29.65	37.37	57.59
FRd,i (30mm)	[kN/m]	12.76	18.01	23.82	31.28	39.37	60.55
FRd,i (40mm)	[kN/m]	14.04	19.76	26.08	34.17	42.93	65.81
FRd,i (50mm)	[kN/m]	15.16	21.30	28.07	36.72	46.07	70.45
FRd,i (60mm)	[kN/m]	16.18	22.70	29.86	39.02	48.91	74.64
FRd,i (70mm)	[kN/m]	17.12	23.98	31.52	41.14	51.52	78.49
FRd,i (80mm)	[kN/m]	17.99	25.17	33.06	43.11	53.95	82.08
FRd,i (100mm)	[kN/m]	19.58	27.35	35.87	46.71	58.39	88.64
FRd,i (120mm)	[kN/m]	21.02	29.33	38.41	49.97	62.40	94.57
FRd,i (140mm)	[kN/m]	22.35	31.14	40.75	52.96	66.09	100.02
FRd,i (160mm)	[kN/m]	23.58	32.83	42.93	55.75	69.52	105.09
FRd,i (180mm)	[kN/m]	24.74	34.41	44.97	58.37	72.75	109.86
FRd,i (200mm)	[kN/m]	25.83	35.91	46.90	60.85	75.80	114.36
NEGATÍV ELHELYEZÉS							
MRd	[kNm/m]	11.22	13.65	15.88	18.31	20.58	25.19
TRd	[kN/m]	24.89	40.20	58.89	84.74	114.38	177.04
FRd,e	[kN/m]	5.50	7.84	10.35	13.43	16.60	24.21
FRd,i (10mm)	[kN/m]	11.00	15.69	20.70	26.85	33.20	48.42
FRd,i (15mm)	[kN/m]	12.27	17.43	22.92	29.64	36.54	53.05
FRd,i (20mm)	[kN/m]	13.34	18.90	24.79	31.99	39.36	56.95
FRd,i (25mm)	[kN/m]	14.29	20.19	26.44	34.05	41.85	60.39
FRd,i (30mm)	[kN/m]	15.14	21.36	27.93	35.92	44.10	63.50
FRd,i (40mm)	[kN/m]	16.66	23.43	30.58	39.24	48.08	69.02
FRd,i (50mm)	[kN/m]	17.99	25.26	32.91	42.17	51.60	73.88
FRd,i (60mm)	[kN/m]	19.20	26.92	35.02	44.81	54.78	78.28
FRd,i (70mm)	[kN/m]	20.31	28.44	36.96	47.25	57.70	82.32
FRd,i (80mm)	[kN/m]	21.35	29.85	38.76	49.51	60.42	86.08
FRd,i (100mm)	[kN/m]	23.24	32.44	42.06	53.65	65.39	92.96
FRd,i (120mm)	[kN/m]	24.95	34.78	45.04	57.39	69.88	99.18
FRd,i (140mm)	[kN/m]	26.52	36.93	47.78	60.83	74.01	104.89
FRd,i (160mm)	[kN/m]	27.98	38.93	50.33	64.03	77.86	110.21
FRd,i (180mm)	[kN/m]	29.35	40.81	52.73	67.03	81.47	115.21
FRd,i (200mm)	[kN/m]	30.65	42.59	55.00	69.88	84.89	119.94

TEHERBÍRÁSI TÁBLÁZATOK

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LTP 20 0.4

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	8.069	3.586	2.017	1.291	0.897	0.659	0.504	0.398	0.323	0.267	0.224
qlim,U,2 [kN/m2]	7.787	3.461	1.947	1.246	0.865	0.636	0.487	0.385	0.311	0.257	0.216
qlim,U,3 [kN/m2]	7.787	3.461	1.947	1.246	0.865	0.636	0.487	0.385	0.311	0.257	0.216
qlim,U,4 [kN/m2]	8.069	3.586	2.017	1.291	0.897	0.659	0.504	0.398	0.323	0.267	0.224
qlim,U,200 [kN/m2]	6.116	1.812	0.764	0.391	0.227	0.143	0.096	0.067	0.049	0.037	0.028
qlim,U,300 [kN/m2]	4.077	1.208	0.510	0.261	0.151	0.095	0.064	0.045	0.033	0.025	0.019

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	5.844	2.997	1.826	1.230	0.863	0.635	0.486	0.384	0.311	0.257	0.216
qlim,U,2 [kN/m2]	7.485	3.464	1.978	1.275	0.889	0.654	0.502	0.397	0.322	0.266	0.224
qlim,U,3 [kN/m2]	5.969	3.071	1.875	1.265	0.895	0.658	0.504	0.398	0.322	0.267	0.224
qlim,U,4 [kN/m2]	7.259	3.350	1.911	1.231	0.858	0.632	0.484	0.383	0.311	0.257	0.216
qlim,U,200 [kN/m2]	17.12	5.073	2.140	1.096	0.634	0.399	0.268	0.188	0.137	0.103	0.079
qlim,U,300 [kN/m2]	11.41	3.382	1.427	0.731	0.423	0.266	0.178	0.125	0.091	0.069	0.053

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	7.024	3.634	2.227	1.506	1.078	0.793	0.607	0.480	0.389	0.321	0.270
qlim,U,2 [kN/m2]	9.082	4.267	2.451	1.584	1.106	0.816	0.626	0.495	0.402	0.332	0.279
qlim,U,3 [kN/m2]	7.169	3.721	2.285	1.548	1.117	0.821	0.629	0.497	0.403	0.333	0.280
qlim,U,4 [kN/m2]	8.822	4.131	2.370	1.531	1.069	0.788	0.604	0.478	0.388	0.321	0.270
qlim,U,200 [kN/m2]	13.49	3.997	1.686	0.863	0.500	0.315	0.211	0.148	0.108	0.081	0.062
qlim,U,300 [kN/m2]	8.993	2.665	1.124	0.576	0.333	0.210	0.141	0.099	0.072	0.054	0.042

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	6.473	3.358	2.062	1.396	1.007	0.740	0.567	0.448	0.363	0.300	0.252
qlim,U,2 [kN/m2]	8.564	4.003	2.294	1.482	1.034	0.762	0.585	0.462	0.375	0.310	0.261
qlim,U,3 [kN/m2]	6.605	3.438	2.115	1.434	1.037	0.767	0.587	0.464	0.376	0.311	0.261
qlim,U,4 [kN/m2]	8.315	3.874	2.218	1.432	0.999	0.736	0.564	0.447	0.362	0.299	0.252
qlim,U,200 [kN/m2]	14.13	4.187	1.767	0.904	0.523	0.330	0.221	0.155	0.113	0.085	0.065
qlim,U,300 [kN/m2]	9.421	2.792	1.178	0.603	0.349	0.220	0.147	0.103	0.075	0.057	0.044

LTP 20 0.5

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	11.43	5.082	2.859	1.830	1.270	0.933	0.715	0.565	0.457	0.378	0.318
qlim,U,2 [kN/m2]	11.41	5.070	2.852	1.825	1.267	0.931	0.713	0.563	0.456	0.377	0.317
qlim,U,3 [kN/m2]	11.41	5.070	2.852	1.825	1.267	0.931	0.713	0.563	0.456	0.377	0.317
qlim,U,4 [kN/m2]	11.43	5.082	2.859	1.830	1.270	0.933	0.715	0.565	0.457	0.378	0.318
qlim,U,200 [kN/m2]	8.631	2.557	1.079	0.552	0.320	0.201	0.135	0.095	0.069	0.052	0.040
qlim,U,300 [kN/m2]	5.754	1.705	0.719	0.368	0.213	0.134	0.090	0.063	0.046	0.035	0.027

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	8.778	4.475	2.717	1.818	1.264	0.929	0.712	0.563	0.456	0.377	0.317
qlim,U,2 [kN/m2]	10.44	4.871	2.790	1.801	1.257	0.926	0.710	0.562	0.456	0.377	0.317
qlim,U,3 [kN/m2]	8.791	4.482	2.722	1.822	1.267	0.932	0.714	0.564	0.457	0.378	0.317
qlim,U,4 [kN/m2]	10.42	4.860	2.783	1.797	1.254	0.924	0.709	0.561	0.454	0.376	0.316
qlim,U,200 [kN/m2]	23.79	7.049	2.974	1.523	0.881	0.555	0.372	0.261	0.190	0.143	0.110
qlim,U,300 [kN/m2]	15.86	4.699	1.982	1.015	0.587	0.370	0.248	0.174	0.127	0.095	0.073

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	10.57	5.433	3.317	2.237	1.578	1.161	0.889	0.703	0.570	0.471	0.396
qlim,U,2 [kN/m2]	12.60	5.982	3.452	2.236	1.563	1.153	0.885	0.701	0.568	0.470	0.395
qlim,U,3 [kN/m2]	10.58	5.443	3.323	2.241	1.582	1.163	0.891	0.705	0.571	0.472	0.397
qlim,U,4 [kN/m2]	12.58	5.969	3.444	2.231	1.560	1.151	0.883	0.699	0.567	0.469	0.395
qlim,U,200 [kN/m2]	18.74	5.554	2.343	1.200	0.694	0.437	0.293	0.206	0.150	0.113	0.087
qlim,U,300 [kN/m2]	12.50	3.702	1.562	0.800	0.463	0.291	0.195	0.137	0.100	0.075	0.058

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	9.741	5.023	3.072	2.074	1.473	1.084	0.830	0.656	0.532	0.439	0.369
qlim,U,2 [kN/m2]	11.90	5.618	3.233	2.092	1.462	1.078	0.827	0.655	0.531	0.439	0.369
qlim,U,3 [kN/m2]	9.755	5.032	3.077	2.078	1.477	1.086	0.832	0.658	0.533	0.441	0.370
qlim,U,4 [kN/m2]	11.88	5.606	3.226	2.087	1.458	1.075	0.825	0.653	0.530	0.438	0.368
qlim,U,200 [kN/m2]	19.64	5.818	2.454	1.257	0.727	0.458	0.307	0.215	0.157	0.118	0.091
qlim,U,300 [kN/m2]	13.09	3.879	1.636	0.838	0.485	0.305	0.205	0.144	0.105	0.079	0.061

LTP 20 0.6

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	15.07	6.697	3.767	2.411	1.674	1.230	0.942	0.744	0.603	0.498	0.419
qlim,U,2 [kN/m2]	14.81	6.582	3.702	2.369	1.645	1.209	0.926	0.731	0.592	0.490	0.411
qlim,U,3 [kN/m2]	14.81	6.582	3.702	2.369	1.645	1.209	0.926	0.731	0.592	0.490	0.411
qlim,U,4 [kN/m2]	15.07	6.697	3.767	2.411	1.674	1.230	0.942	0.744	0.603	0.498	0.419
qlim,U,200 [kN/m2]	11.47	3.399	1.434	0.734	0.425	0.268	0.179	0.126	0.092	0.069	0.053
qlim,U,300 [kN/m2]	7.648	2.266	0.956	0.489	0.283	0.178	0.119	0.084	0.061	0.046	0.035

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	11.80	5.966	3.603	2.359	1.640	1.206	0.924	0.730	0.592	0.489	0.411
qlim,U,2 [kN/m2]	13.57	6.375	3.662	2.367	1.653	1.219	0.935	0.740	0.600	0.496	0.417
qlim,U,3 [kN/m2]	11.93	6.042	3.653	2.400	1.669	1.227	0.940	0.743	0.602	0.498	0.418
qlim,U,4 [kN/m2]	13.38	6.275	3.602	2.328	1.625	1.198	0.919	0.727	0.590	0.488	0.410
qlim,U,200 [kN/m2]	30.78	9.121	3.848	1.970	1.140	0.718	0.481	0.338	0.246	0.185	0.143
qlim,U,300 [kN/m2]	20.52	6.080	2.565	1.313	0.760	0.479	0.321	0.225	0.164	0.123	0.095

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	14.24	7.258	4.407	2.943	2.048	1.506	1.154	0.912	0.739	0.611	0.514
qlim,U,2 [kN/m2]	16.29	7.809	4.523	2.936	2.055	1.517	1.165	0.923	0.748	0.619	0.521
qlim,U,3 [kN/m2]	14.39	7.348	4.466	2.994	2.083	1.532	1.174	0.928	0.752	0.622	0.523
qlim,U,4 [kN/m2]	16.08	7.691	4.451	2.888	2.021	1.491	1.145	0.907	0.736	0.609	0.512
qlim,U,200 [kN/m2]	24.25	7.186	3.032	1.552	0.898	0.566	0.379	0.266	0.194	0.146	0.112
qlim,U,300 [kN/m2]	16.17	4.791	2.021	1.035	0.599	0.377	0.253	0.177	0.129	0.097	0.075

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	13.13	6.714	4.084	2.747	1.912	1.406	1.077	0.852	0.690	0.570	0.479
qlim,U,2 [kN/m2]	15.42	7.340	4.239	2.748	1.922	1.418	1.089	0.862	0.699	0.578	0.486
qlim,U,3 [kN/m2]	13.27	6.796	4.138	2.786	1.945	1.431	1.096	0.867	0.702	0.580	0.488
qlim,U,4 [kN/m2]	15.21	7.228	4.171	2.702	1.890	1.394	1.070	0.847	0.687	0.568	0.478
qlim,U,200 [kN/m2]	25.41	7.528	3.176	1.626	0.941	0.593	0.397	0.279	0.203	0.153	0.118
qlim,U,300 [kN/m2]	16.94	5.019	2.117	1.084	0.627	0.395	0.265	0.186	0.136	0.102	0.078

LTP 20 0.7

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	24.83	11.04	6.208	3.973	2.759	2.027	1.552	1.226	0.993	0.821	0.690
qlim,U,2 [kN/m2]	24.42	10.86	6.106	3.908	2.714	1.994	1.527	1.206	0.977	0.807	0.678
qlim,U,3 [kN/m2]	24.42	10.86	6.106	3.908	2.714	1.994	1.527	1.206	0.977	0.807	0.678
qlim,U,4 [kN/m2]	24.83	11.04	6.208	3.973	2.759	2.027	1.552	1.226	0.993	0.821	0.690
qlim,U,200 [kN/m2]	13.50	4.000	1.687	0.864	0.500	0.315	0.211	0.148	0.108	0.081	0.062
qlim,U,300 [kN/m2]	8.999	2.666	1.125	0.576	0.333	0.210	0.141	0.099	0.072	0.054	0.042

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	19.20	9.738	5.894	3.890	2.705	1.989	1.524	1.204	0.976	0.807	0.678
qlim,U,2 [kN/m2]	22.36	10.51	6.034	3.901	2.724	2.008	1.541	1.219	0.989	0.818	0.688
qlim,U,3 [kN/m2]	19.40	9.854	5.969	3.954	2.750	2.022	1.549	1.224	0.992	0.820	0.689
qlim,U,4 [kN/m2]	22.06	10.35	5.941	3.839	2.681	1.976	1.516	1.200	0.973	0.804	0.676
qlim,U,200 [kN/m2]	36.26	10.74	4.532	2.320	1.343	0.846	0.567	0.398	0.290	0.218	0.168
qlim,U,300 [kN/m2]	24.17	7.162	3.021	1.547	0.895	0.564	0.378	0.265	0.193	0.145	0.112

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	23.14	11.84	7.203	4.848	3.377	2.484	1.903	1.505	1.219	1.008	0.847
qlim,U,2 [kN/m2]	26.86	12.87	7.453	4.838	3.386	2.500	1.920	1.520	1.233	1.020	0.858
qlim,U,3 [kN/m2]	23.37	11.97	7.293	4.911	3.433	2.525	1.935	1.530	1.239	1.025	0.861
qlim,U,4 [kN/m2]	26.53	12.69	7.341	4.763	3.333	2.460	1.889	1.496	1.213	1.004	0.844
qlim,U,200 [kN/m2]	28.57	8.464	3.571	1.828	1.058	0.666	0.446	0.313	0.229	0.172	0.132
qlim,U,300 [kN/m2]	19.04	5.643	2.380	1.219	0.705	0.444	0.298	0.209	0.152	0.114	0.088

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	21.34	10.95	6.673	4.496	3.154	2.319	1.777	1.405	1.138	0.941	0.791
qlim,U,2 [kN/m2]	25.42	12.10	6.986	4.528	3.167	2.336	1.794	1.420	1.152	0.953	0.801
qlim,U,3 [kN/m2]	21.56	11.07	6.756	4.555	3.205	2.358	1.806	1.428	1.157	0.956	0.804
qlim,U,4 [kN/m2]	25.09	11.92	6.879	4.457	3.116	2.299	1.765	1.397	1.133	0.938	0.788
qlim,U,200 [kN/m2]	29.93	8.867	3.741	1.915	1.108	0.698	0.468	0.328	0.239	0.180	0.139
qlim,U,300 [kN/m2]	19.95	5.911	2.494	1.277	0.739	0.465	0.312	0.219	0.160	0.120	0.092

LLP 20 0.4

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	9.192	4.085	2.298	1.471	1.021	0.750	0.575	0.454	0.368	0.304	0.255
qlim,U,2 [kN/m2]	9.192	4.085	2.298	1.471	1.021	0.750	0.575	0.454	0.368	0.304	0.255
qlim,U,3 [kN/m2]	9.192	4.085	2.298	1.471	1.021	0.750	0.575	0.454	0.368	0.304	0.255
qlim,U,4 [kN/m2]	9.192	4.085	2.298	1.471	1.021	0.750	0.575	0.454	0.368	0.304	0.255
qlim,U,200 [kN/m2]	7.861	2.329	0.983	0.503	0.291	0.183	0.123	0.086	0.063	0.047	0.036
qlim,U,300 [kN/m2]	5.241	1.553	0.655	0.335	0.194	0.122	0.082	0.058	0.042	0.032	0.024

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	6.760	3.482	2.128	1.436	1.019	0.749	0.574	0.453	0.367	0.304	0.255
qlim,U,2 [kN/m2]	8.538	3.948	2.254	1.452	1.012	0.746	0.572	0.452	0.367	0.303	0.255
qlim,U,3 [kN/m2]	6.760	3.482	2.128	1.436	1.019	0.749	0.574	0.453	0.367	0.304	0.255
qlim,U,4 [kN/m2]	8.538	3.948	2.254	1.452	1.012	0.746	0.572	0.452	0.367	0.303	0.255
qlim,U,200 [kN/m2]	18.90	5.599	2.362	1.209	0.700	0.441	0.295	0.207	0.151	0.114	0.087
qlim,U,300 [kN/m2]	12.60	3.733	1.575	0.806	0.467	0.294	0.197	0.138	0.101	0.076	0.058

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	8.116	4.219	2.593	1.757	1.270	0.936	0.717	0.567	0.459	0.379	0.319
qlim,U,2 [kN/m2]	10.36	4.865	2.794	1.806	1.261	0.929	0.713	0.564	0.458	0.378	0.318
qlim,U,3 [kN/m2]	8.116	4.219	2.593	1.757	1.270	0.936	0.717	0.567	0.459	0.379	0.319
qlim,U,4 [kN/m2]	10.36	4.865	2.794	1.806	1.261	0.929	0.713	0.564	0.458	0.378	0.318
qlim,U,200 [kN/m2]	14.89	4.411	1.861	0.953	0.551	0.347	0.233	0.163	0.119	0.089	0.069
qlim,U,300 [kN/m2]	9.926	2.941	1.241	0.635	0.368	0.232	0.155	0.109	0.079	0.060	0.046

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	7.476	3.897	2.400	1.628	1.178	0.874	0.669	0.529	0.429	0.354	0.298
qlim,U,2 [kN/m2]	9.773	4.564	2.615	1.689	1.178	0.868	0.666	0.527	0.427	0.353	0.297
qlim,U,3 [kN/m2]	7.476	3.897	2.400	1.628	1.178	0.874	0.669	0.529	0.429	0.354	0.298
qlim,U,4 [kN/m2]	9.773	4.564	2.615	1.689	1.178	0.868	0.666	0.527	0.427	0.353	0.297
qlim,U,200 [kN/m2]	15.60	4.622	1.950	0.998	0.578	0.364	0.244	0.171	0.125	0.094	0.072
qlim,U,300 [kN/m2]	10.40	3.081	1.300	0.666	0.385	0.243	0.162	0.114	0.083	0.063	0.048

LLP 20 0.5

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	13.20	5.866	3.300	2.112	1.467	1.077	0.825	0.652	0.528	0.436	0.367
qlim,U,2 [kN/m2]	13.20	5.866	3.300	2.112	1.467	1.077	0.825	0.652	0.528	0.436	0.367
qlim,U,3 [kN/m2]	13.20	5.866	3.300	2.112	1.467	1.077	0.825	0.652	0.528	0.436	0.367
qlim,U,4 [kN/m2]	13.20	5.866	3.300	2.112	1.467	1.077	0.825	0.652	0.528	0.436	0.367
qlim,U,200 [kN/m2]	10.84	3.211	1.355	0.694	0.401	0.253	0.169	0.119	0.087	0.065	0.050
qlim,U,300 [kN/m2]	7.225	2.141	0.903	0.462	0.268	0.169	0.113	0.079	0.058	0.043	0.033

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	10.04	5.132	3.121	2.099	1.462	1.075	0.824	0.651	0.527	0.436	0.366
qlim,U,2 [kN/m2]	12.04	5.621	3.220	2.079	1.450	1.069	0.820	0.649	0.526	0.435	0.366
qlim,U,3 [kN/m2]	10.04	5.132	3.121	2.099	1.462	1.075	0.824	0.651	0.527	0.436	0.366
qlim,U,4 [kN/m2]	12.04	5.621	3.220	2.079	1.450	1.069	0.820	0.649	0.526	0.435	0.366
qlim,U,200 [kN/m2]	26.05	7.719	3.256	1.667	0.965	0.608	0.407	0.286	0.208	0.157	0.121
qlim,U,300 [kN/m2]	17.37	5.146	2.171	1.111	0.643	0.405	0.271	0.191	0.139	0.104	0.080

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	12.08	6.227	3.808	2.572	1.826	1.343	1.029	0.813	0.659	0.545	0.458
qlim,U,2 [kN/m2]	14.53	6.903	3.983	2.581	1.804	1.331	1.022	0.809	0.656	0.543	0.456
qlim,U,3 [kN/m2]	12.08	6.227	3.808	2.572	1.826	1.343	1.029	0.813	0.659	0.545	0.458
qlim,U,4 [kN/m2]	14.53	6.903	3.983	2.581	1.804	1.331	1.022	0.809	0.656	0.543	0.456
qlim,U,200 [kN/m2]	20.52	6.081	2.566	1.314	0.760	0.479	0.321	0.225	0.164	0.123	0.095
qlim,U,300 [kN/m2]	13.68	4.054	1.710	0.876	0.507	0.319	0.214	0.150	0.109	0.082	0.063

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	11.13	5.756	3.526	2.384	1.705	1.254	0.960	0.759	0.615	0.509	0.427
qlim,U,2 [kN/m2]	13.73	6.482	3.731	2.414	1.687	1.244	0.955	0.756	0.613	0.507	0.426
qlim,U,3 [kN/m2]	11.13	5.756	3.526	2.384	1.705	1.254	0.960	0.759	0.615	0.509	0.427
qlim,U,4 [kN/m2]	13.73	6.482	3.731	2.414	1.687	1.244	0.955	0.756	0.613	0.507	0.426
qlim,U,200 [kN/m2]	21.50	6.371	2.688	1.376	0.796	0.501	0.336	0.236	0.172	0.129	0.100
qlim,U,300 [kN/m2]	14.33	4.247	1.792	0.917	0.531	0.334	0.224	0.157	0.115	0.086	0.066

LLP 20 0.6

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	17.67	7.852	4.417	2.827	1.963	1.442	1.104	0.872	0.707	0.584	0.491
qlim,U,2 [kN/m2]	17.67	7.852	4.417	2.827	1.963	1.442	1.104	0.872	0.707	0.584	0.491
qlim,U,3 [kN/m2]	17.67	7.852	4.417	2.827	1.963	1.442	1.104	0.872	0.707	0.584	0.491
qlim,U,4 [kN/m2]	17.67	7.852	4.417	2.827	1.963	1.442	1.104	0.872	0.707	0.584	0.491
qlim,U,200 [kN/m2]	13.97	4.138	1.746	0.894	0.517	0.326	0.218	0.153	0.112	0.084	0.065
qlim,U,300 [kN/m2]	9.310	2.759	1.164	0.596	0.345	0.217	0.145	0.102	0.074	0.056	0.043

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	13.77	6.997	4.240	2.813	1.956	1.439	1.102	0.871	0.706	0.583	0.490
qlim,U,2 [kN/m2]	15.85	7.460	4.289	2.773	1.937	1.428	1.096	0.867	0.703	0.582	0.489
qlim,U,3 [kN/m2]	13.77	6.997	4.240	2.813	1.956	1.439	1.102	0.871	0.706	0.583	0.490
qlim,U,4 [kN/m2]	15.85	7.460	4.289	2.773	1.937	1.428	1.096	0.867	0.703	0.582	0.489
qlim,U,200 [kN/m2]	33.57	9.947	4.196	2.149	1.243	0.783	0.525	0.368	0.269	0.202	0.155
qlim,U,300 [kN/m2]	22.38	6.631	2.798	1.432	0.829	0.522	0.350	0.246	0.179	0.135	0.104

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	16.58	8.502	5.180	3.489	2.442	1.796	1.376	1.088	0.882	0.729	0.613
qlim,U,2 [kN/m2]	19.01	9.131	5.294	3.439	2.407	1.778	1.365	1.081	0.877	0.726	0.610
qlim,U,3 [kN/m2]	16.58	8.502	5.180	3.489	2.442	1.796	1.376	1.088	0.882	0.729	0.613
qlim,U,4 [kN/m2]	19.01	9.131	5.294	3.439	2.407	1.778	1.365	1.081	0.877	0.726	0.610
qlim,U,200 [kN/m2]	26.45	7.837	3.306	1.693	0.980	0.617	0.413	0.290	0.212	0.159	0.122
qlim,U,300 [kN/m2]	17.63	5.225	2.204	1.129	0.653	0.411	0.276	0.194	0.141	0.106	0.082

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	15.29	7.862	4.799	3.236	2.280	1.677	1.285	1.016	0.823	0.680	0.572
qlim,U,2 [kN/m2]	18.00	8.585	4.963	3.219	2.251	1.662	1.276	1.010	0.819	0.678	0.570
qlim,U,3 [kN/m2]	15.29	7.862	4.799	3.236	2.280	1.677	1.285	1.016	0.823	0.680	0.572
qlim,U,4 [kN/m2]	18.00	8.585	4.963	3.219	2.251	1.662	1.276	1.010	0.819	0.678	0.570
qlim,U,200 [kN/m2]	27.71	8.210	3.464	1.773	1.026	0.646	0.433	0.304	0.222	0.167	0.128
qlim,U,300 [kN/m2]	18.47	5.473	2.309	1.182	0.684	0.431	0.289	0.203	0.148	0.111	0.086

LLP 20 0.7

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	29.10	12.93	7.275	4.656	3.233	2.375	1.819	1.437	1.164	0.962	0.808
qlim,U,2 [kN/m2]	29.10	12.93	7.275	4.656	3.233	2.375	1.819	1.437	1.164	0.962	0.808
qlim,U,3 [kN/m2]	29.10	12.93	7.275	4.656	3.233	2.375	1.819	1.437	1.164	0.962	0.808
qlim,U,4 [kN/m2]	29.10	12.93	7.275	4.656	3.233	2.375	1.819	1.437	1.164	0.962	0.808
qlim,U,200 [kN/m2]	16.44	4.872	2.055	1.052	0.609	0.384	0.257	0.180	0.132	0.099	0.076
qlim,U,300 [kN/m2]	10.96	3.248	1.370	0.702	0.406	0.256	0.171	0.120	0.088	0.066	0.051

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	22.37	11.41	6.925	4.634	3.222	2.370	1.815	1.435	1.163	0.961	0.808
qlim,U,2 [kN/m2]	26.11	12.29	7.064	4.568	3.191	2.352	1.805	1.428	1.158	0.958	0.806
qlim,U,3 [kN/m2]	22.37	11.41	6.925	4.634	3.222	2.370	1.815	1.435	1.163	0.961	0.808
qlim,U,4 [kN/m2]	26.11	12.29	7.064	4.568	3.191	2.352	1.805	1.428	1.158	0.958	0.806
qlim,U,200 [kN/m2]	39.53	11.71	4.941	2.530	1.464	0.922	0.618	0.434	0.316	0.238	0.183
qlim,U,300 [kN/m2]	26.35	7.808	3.294	1.687	0.976	0.615	0.412	0.289	0.211	0.158	0.122

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	26.92	13.85	8.455	5.703	4.022	2.959	2.267	1.792	1.452	1.201	1.009
qlim,U,2 [kN/m2]	31.33	15.04	8.722	5.664	3.966	2.928	2.249	1.781	1.445	1.196	1.006
qlim,U,3 [kN/m2]	26.92	13.85	8.455	5.703	4.022	2.959	2.267	1.792	1.452	1.201	1.009
qlim,U,4 [kN/m2]	31.33	15.04	8.722	5.664	3.966	2.928	2.249	1.781	1.445	1.196	1.006
qlim,U,200 [kN/m2]	31.14	9.227	3.893	1.993	1.153	0.726	0.487	0.342	0.249	0.187	0.144
qlim,U,300 [kN/m2]	20.76	6.152	2.595	1.329	0.769	0.484	0.324	0.228	0.166	0.125	0.096

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
qlim,U,1 [kN/m2]	24.82	12.80	7.831	5.289	3.756	2.763	2.117	1.673	1.356	1.121	0.942
qlim,U,2 [kN/m2]	29.65	14.14	8.176	5.302	3.709	2.737	2.102	1.664	1.350	1.117	0.939
qlim,U,3 [kN/m2]	24.82	12.80	7.831	5.289	3.756	2.763	2.117	1.673	1.356	1.121	0.942
qlim,U,4 [kN/m2]	29.65	14.14	8.176	5.302	3.709	2.737	2.102	1.664	1.350	1.117	0.939
qlim,U,200 [kN/m2]	32.63	9.667	4.078	2.088	1.208	0.761	0.510	0.358	0.261	0.196	0.151
qlim,U,300 [kN/m2]	21.75	6.445	2.719	1.392	0.806	0.507	0.340	0.239	0.174	0.131	0.101

LV 30 0.5

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	10.27	6.666	3.750	2.400	1.666	1.224	0.937	0.741	0.600	0.496	0.417	0.355	0.306
qlim,U,2 [kN/m2]	14.59	6.485	3.648	2.335	1.621	1.191	0.912	0.721	0.584	0.482	0.405	0.345	0.298
qlim,U,3 [kN/m2]	10.27	6.485	3.648	2.335	1.621	1.191	0.912	0.721	0.584	0.482	0.405	0.345	0.298
qlim,U,4 [kN/m2]	15.00	6.666	3.750	2.400	1.666	1.224	0.937	0.741	0.600	0.496	0.417	0.355	0.306
qlim,U,200 [kN/m2]	17.71	5.246	2.213	1.133	0.656	0.413	0.277	0.194	0.142	0.106	0.082	0.064	0.052
qlim,U,300 [kN/m2]	11.80	3.497	1.475	0.755	0.437	0.275	0.184	0.130	0.094	0.071	0.055	0.043	0.034

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	8.553	4.619	2.911	2.009	1.471	1.125	0.888	0.719	0.583	0.482	0.405	0.345	0.298
qlim,U,2 [kN/m2]	13.09	6.247	3.611	2.342	1.638	1.209	0.928	0.735	0.596	0.493	0.415	0.354	0.305
qlim,U,3 [kN/m2]	8.663	4.692	2.963	2.047	1.501	1.148	0.908	0.736	0.599	0.495	0.416	0.355	0.306
qlim,U,4 [kN/m2]	12.82	6.097	3.520	2.281	1.595	1.177	0.904	0.715	0.580	0.480	0.404	0.344	0.297
qlim,U,200 [kN/m2]	51.98	15.40	6.497	3.327	1.925	1.212	0.812	0.570	0.416	0.312	0.241	0.189	0.152
qlim,U,300 [kN/m2]	34.65	10.27	4.332	2.218	1.283	0.808	0.541	0.380	0.277	0.208	0.160	0.126	0.101

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	10.15	5.536	3.512	2.435	1.790	1.373	1.087	0.882	0.728	0.602	0.506	0.431	0.372
qlim,U,2 [kN/m2]	15.57	7.607	4.444	2.897	2.033	1.503	1.156	0.916	0.743	0.615	0.518	0.441	0.381
qlim,U,3 [kN/m2]	10.28	5.619	3.572	2.480	1.825	1.401	1.109	0.901	0.746	0.619	0.520	0.443	0.382
qlim,U,4 [kN/m2]	15.28	7.434	4.335	2.824	1.980	1.464	1.125	0.891	0.723	0.599	0.504	0.430	0.371
qlim,U,200 [kN/m2]	40.95	12.13	5.119	2.621	1.517	0.955	0.640	0.449	0.328	0.246	0.190	0.149	0.119
qlim,U,300 [kN/m2]	27.30	8.089	3.413	1.747	1.011	0.637	0.427	0.300	0.218	0.164	0.126	0.099	0.080

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	9.319	5.097	3.240	2.250	1.656	1.271	1.007	0.818	0.677	0.562	0.472	0.402	0.347
qlim,U,2 [kN/m2]	14.78	7.165	4.170	2.714	1.902	1.406	1.080	0.856	0.694	0.575	0.483	0.412	0.356
qlim,U,3 [kN/m2]	9.431	5.172	3.295	2.291	1.688	1.297	1.028	0.835	0.692	0.577	0.485	0.414	0.357
qlim,U,4 [kN/m2]	14.49	6.999	4.067	2.645	1.853	1.369	1.052	0.833	0.676	0.559	0.470	0.401	0.346
qlim,U,200 [kN/m2]	42.90	12.71	5.363	2.746	1.589	1.001	0.670	0.471	0.343	0.258	0.199	0.156	0.125
qlim,U,300 [kN/m2]	28.60	8.475	3.575	1.831	1.059	0.667	0.447	0.314	0.229	0.172	0.132	0.104	0.083

LV 30 0.6

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m ²]	14.87	9.057	5.095	3.260	2.264	1.664	1.274	1.006	0.815	0.674	0.566	0.482	0.416
qlim,U,2 [kN/m ²]	19.73	8.769	4.933	3.157	2.192	1.611	1.233	0.974	0.789	0.652	0.548	0.467	0.403
qlim,U,3 [kN/m ²]	14.87	8.769	4.933	3.157	2.192	1.611	1.233	0.974	0.789	0.652	0.548	0.467	0.403
qlim,U,4 [kN/m ²]	20.38	9.057	5.095	3.260	2.264	1.664	1.274	1.006	0.815	0.674	0.566	0.482	0.416
qlim,U,200 [kN/m ²]	23.45	6.948	2.931	1.501	0.868	0.547	0.366	0.257	0.188	0.141	0.109	0.085	0.068
qlim,U,300 [kN/m ²]	15.63	4.632	1.954	1.001	0.579	0.365	0.244	0.172	0.125	0.094	0.072	0.057	0.046

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m ²]	11.89	6.388	4.012	2.760	2.018	1.541	1.215	0.972	0.788	0.651	0.547	0.467	0.402
qlim,U,2 [kN/m ²]	17.48	8.411	4.880	3.171	2.220	1.640	1.260	0.998	0.809	0.670	0.563	0.480	0.414
qlim,U,3 [kN/m ²]	12.08	6.508	4.096	2.823	2.066	1.579	1.246	1.004	0.814	0.673	0.565	0.482	0.416
qlim,U,4 [kN/m ²]	17.07	8.180	4.738	3.075	2.153	1.589	1.220	0.966	0.784	0.649	0.546	0.465	0.401
qlim,U,200 [kN/m ²]	67.62	20.03	8.452	4.327	2.504	1.577	1.057	0.742	0.541	0.406	0.313	0.246	0.197
qlim,U,300 [kN/m ²]	45.08	13.36	5.635	2.885	1.670	1.051	0.704	0.495	0.361	0.271	0.209	0.164	0.131

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m ²]	14.13	7.665	4.845	3.350	2.458	1.882	1.488	1.206	0.984	0.814	0.684	0.583	0.503
qlim,U,2 [kN/m ²]	20.69	10.21	5.993	3.917	2.752	2.037	1.567	1.242	1.009	0.835	0.703	0.599	0.517
qlim,U,3 [kN/m ²]	14.34	7.804	4.944	3.424	2.515	1.927	1.525	1.237	1.016	0.840	0.706	0.602	0.519
qlim,U,4 [kN/m ²]	20.25	9.944	5.824	3.802	2.670	1.975	1.519	1.204	0.977	0.809	0.681	0.580	0.501
qlim,U,200 [kN/m ²]	53.27	15.78	6.659	3.410	1.973	1.243	0.832	0.585	0.426	0.320	0.247	0.194	0.155
qlim,U,300 [kN/m ²]	35.52	10.52	4.439	2.273	1.315	0.828	0.555	0.390	0.284	0.213	0.164	0.129	0.104

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m ²]	12.98	7.060	4.472	3.096	2.274	1.743	1.379	1.118	0.919	0.760	0.638	0.544	0.469
qlim,U,2 [kN/m ²]	19.67	9.627	5.628	3.671	2.576	1.905	1.465	1.161	0.942	0.780	0.656	0.560	0.483
qlim,U,3 [kN/m ²]	13.17	7.186	4.562	3.164	2.327	1.785	1.413	1.147	0.949	0.784	0.659	0.562	0.485
qlim,U,4 [kN/m ²]	19.24	9.371	5.467	3.562	2.499	1.847	1.420	1.125	0.913	0.756	0.636	0.542	0.468
qlim,U,200 [kN/m ²]	55.81	16.54	6.976	3.572	2.067	1.302	0.872	0.612	0.446	0.335	0.258	0.203	0.163
qlim,U,300 [kN/m ²]	37.21	11.02	4.651	2.381	1.378	0.868	0.581	0.408	0.298	0.224	0.172	0.135	0.108

LV 30 0.7

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	23.94	14.92	8.394	5.372	3.731	2.741	2.099	1.658	1.343	1.110	0.933	0.795	0.685
qlim,U,2 [kN/m2]	32.49	14.44	8.122	5.198	3.610	2.652	2.030	1.604	1.300	1.074	0.902	0.769	0.663
qlim,U,3 [kN/m2]	23.94	14.44	8.122	5.198	3.610	2.652	2.030	1.604	1.300	1.074	0.902	0.769	0.663
qlim,U,4 [kN/m2]	33.58	14.92	8.394	5.372	3.731	2.741	2.099	1.658	1.343	1.110	0.933	0.795	0.685
qlim,U,200 [kN/m2]	27.59	8.175	3.449	1.766	1.022	0.644	0.431	0.303	0.221	0.166	0.128	0.100	0.080
qlim,U,300 [kN/m2]	18.39	5.450	2.299	1.177	0.681	0.429	0.287	0.202	0.147	0.111	0.085	0.067	0.054

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	19.22	10.36	6.523	4.496	3.291	2.515	1.986	1.601	1.297	1.072	0.901	0.768	0.662
qlim,U,2 [kN/m2]	28.82	13.86	8.042	5.225	3.659	2.702	2.075	1.644	1.334	1.103	0.928	0.791	0.683
qlim,U,3 [kN/m2]	19.52	10.56	6.661	4.599	3.371	2.579	2.037	1.651	1.341	1.108	0.932	0.794	0.685
qlim,U,4 [kN/m2]	28.12	13.47	7.802	5.064	3.544	2.617	2.010	1.591	1.291	1.068	0.898	0.766	0.661
qlim,U,200 [kN/m2]	79.59	23.58	9.949	5.094	2.948	1.856	1.244	0.873	0.637	0.478	0.368	0.290	0.232
qlim,U,300 [kN/m2]	53.06	15.72	6.633	3.396	1.965	1.238	0.829	0.582	0.424	0.319	0.246	0.193	0.155

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	22.82	12.42	7.872	5.452	4.006	3.070	2.429	1.971	1.620	1.340	1.126	0.960	0.828
qlim,U,2 [kN/m2]	34.10	16.83	9.876	6.455	4.535	3.356	2.582	2.047	1.662	1.376	1.158	0.987	0.852
qlim,U,3 [kN/m2]	23.16	12.65	8.034	5.573	4.100	3.146	2.491	2.022	1.675	1.385	1.164	0.992	0.855
qlim,U,4 [kN/m2]	33.36	16.38	9.591	6.261	4.396	3.252	2.501	1.982	1.609	1.332	1.121	0.956	0.825
qlim,U,200 [kN/m2]	62.71	18.58	7.838	4.013	2.323	1.463	0.980	0.688	0.502	0.377	0.290	0.228	0.183
qlim,U,300 [kN/m2]	41.81	12.39	5.226	2.676	1.548	0.975	0.653	0.459	0.334	0.251	0.194	0.152	0.122

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	20.95	11.44	7.264	5.038	3.706	2.843	2.251	1.827	1.513	1.251	1.051	0.896	0.773
qlim,U,2 [kN/m2]	32.43	15.87	9.275	6.049	4.245	3.139	2.414	1.913	1.553	1.285	1.081	0.922	0.796
qlim,U,3 [kN/m2]	21.26	11.64	7.411	5.149	3.793	2.912	2.308	1.875	1.554	1.293	1.086	0.926	0.799
qlim,U,4 [kN/m2]	31.69	15.43	9.004	5.866	4.114	3.041	2.338	1.852	1.503	1.244	1.047	0.893	0.770
qlim,U,200 [kN/m2]	65.69	19.46	8.212	4.204	2.433	1.532	1.026	0.721	0.526	0.395	0.304	0.239	0.192
qlim,U,300 [kN/m2]	43.80	12.98	5.474	2.803	1.622	1.021	0.684	0.481	0.350	0.263	0.203	0.159	0.128

LVV 30 0.5

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	10.27	6.416	3.609	2.310	1.604	1.179	0.902	0.713	0.577	0.477	0.401	0.342	0.295
qlim,U,2 [kN/m2]	14.23	6.325	3.558	2.277	1.581	1.162	0.889	0.703	0.569	0.470	0.395	0.337	0.290
qlim,U,3 [kN/m2]	10.27	6.325	3.558	2.277	1.581	1.162	0.889	0.703	0.569	0.470	0.395	0.337	0.290
qlim,U,4 [kN/m2]	14.44	6.416	3.609	2.310	1.604	1.179	0.902	0.713	0.577	0.477	0.401	0.342	0.295
qlim,U,200 [kN/m2]	17.23	5.106	2.154	1.103	0.638	0.402	0.269	0.189	0.138	0.104	0.080	0.063	0.050
qlim,U,300 [kN/m2]	11.49	3.404	1.436	0.735	0.426	0.268	0.180	0.126	0.092	0.069	0.053	0.042	0.033

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	8.453	4.553	2.865	1.974	1.445	1.104	0.871	0.702	0.568	0.470	0.395	0.337	0.290
qlim,U,2 [kN/m2]	12.71	6.040	3.485	2.258	1.579	1.165	0.894	0.708	0.574	0.475	0.399	0.341	0.294
qlim,U,3 [kN/m2]	8.510	4.591	2.892	1.994	1.460	1.116	0.881	0.712	0.577	0.477	0.401	0.341	0.294
qlim,U,4 [kN/m2]	12.57	5.963	3.439	2.227	1.557	1.149	0.882	0.698	0.566	0.468	0.394	0.336	0.290
qlim,U,200 [kN/m2]	49.65	14.71	6.206	3.177	1.839	1.158	0.776	0.545	0.397	0.298	0.230	0.181	0.145
qlim,U,300 [kN/m2]	33.10	9.807	4.137	2.118	1.226	0.772	0.517	0.363	0.265	0.199	0.153	0.121	0.096

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	10.04	5.460	3.458	2.394	1.758	1.347	1.066	0.865	0.710	0.587	0.493	0.421	0.363
qlim,U,2 [kN/m2]	15.16	7.368	4.294	2.796	1.960	1.449	1.113	0.882	0.716	0.592	0.498	0.425	0.367
qlim,U,3 [kN/m2]	10.10	5.504	3.489	2.417	1.777	1.362	1.078	0.874	0.720	0.596	0.501	0.427	0.368
qlim,U,4 [kN/m2]	15.01	7.278	4.238	2.758	1.933	1.429	1.098	0.870	0.706	0.584	0.491	0.419	0.362
qlim,U,200 [kN/m2]	39.11	11.59	4.889	2.503	1.449	0.912	0.611	0.429	0.313	0.235	0.181	0.142	0.114
qlim,U,300 [kN/m2]	26.08	7.726	3.260	1.669	0.966	0.608	0.407	0.286	0.209	0.157	0.121	0.095	0.076

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	9.216	5.028	3.191	2.213	1.627	1.248	0.988	0.802	0.663	0.548	0.461	0.393	0.339
qlim,U,2 [kN/m2]	14.38	6.935	4.028	2.618	1.834	1.355	1.041	0.824	0.669	0.553	0.465	0.397	0.342
qlim,U,3 [kN/m2]	9.275	5.067	3.219	2.234	1.644	1.261	0.999	0.811	0.672	0.556	0.467	0.398	0.343
qlim,U,4 [kN/m2]	14.23	6.850	3.975	2.583	1.809	1.336	1.026	0.813	0.659	0.546	0.459	0.391	0.338
qlim,U,200 [kN/m2]	40.98	12.14	5.122	2.623	1.518	0.956	0.640	0.450	0.328	0.246	0.190	0.149	0.119
qlim,U,300 [kN/m2]	27.32	8.094	3.415	1.748	1.012	0.637	0.427	0.300	0.219	0.164	0.126	0.099	0.080

LVV 30 0.6

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	14.87	8.670	4.877	3.121	2.167	1.592	1.219	0.963	0.780	0.645	0.542	0.462	0.398
qlim,U,2 [kN/m2]	19.20	8.534	4.800	3.072	2.134	1.568	1.200	0.948	0.768	0.635	0.533	0.454	0.392
qlim,U,3 [kN/m2]	14.87	8.534	4.800	3.072	2.134	1.568	1.200	0.948	0.768	0.635	0.533	0.454	0.392
qlim,U,4 [kN/m2]	19.51	8.670	4.877	3.121	2.167	1.592	1.219	0.963	0.780	0.645	0.542	0.462	0.398
qlim,U,200 [kN/m2]	22.76	6.743	2.845	1.457	0.843	0.531	0.356	0.250	0.182	0.137	0.105	0.083	0.066
qlim,U,300 [kN/m2]	15.17	4.496	1.897	0.971	0.562	0.354	0.237	0.167	0.121	0.091	0.070	0.055	0.044

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	11.74	6.287	3.941	2.708	1.978	1.509	1.189	0.946	0.767	0.634	0.533	0.454	0.392
qlim,U,2 [kN/m2]	16.92	8.099	4.688	3.042	2.129	1.571	1.207	0.956	0.775	0.641	0.539	0.460	0.397
qlim,U,3 [kN/m2]	11.83	6.345	3.982	2.738	2.001	1.527	1.204	0.961	0.779	0.644	0.541	0.461	0.398
qlim,U,4 [kN/m2]	16.72	7.988	4.620	2.997	2.097	1.548	1.188	0.941	0.763	0.631	0.531	0.453	0.391
qlim,U,200 [kN/m2]	64.46	19.10	8.057	4.125	2.387	1.503	1.007	0.707	0.516	0.387	0.298	0.235	0.188
qlim,U,300 [kN/m2]	42.97	12.73	5.372	2.750	1.592	1.002	0.671	0.472	0.344	0.258	0.199	0.156	0.125

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	13.96	7.549	4.763	3.288	2.410	1.844	1.457	1.180	0.958	0.792	0.666	0.567	0.489
qlim,U,2 [kN/m2]	20.09	9.851	5.765	3.762	2.641	1.953	1.502	1.190	0.966	0.800	0.673	0.574	0.495
qlim,U,3 [kN/m2]	14.06	7.616	4.811	3.324	2.438	1.866	1.474	1.195	0.973	0.805	0.676	0.576	0.497
qlim,U,4 [kN/m2]	19.87	9.723	5.684	3.707	2.601	1.924	1.479	1.172	0.951	0.788	0.663	0.565	0.488
qlim,U,200 [kN/m2]	50.79	15.05	6.348	3.250	1.881	1.185	0.794	0.557	0.406	0.305	0.235	0.185	0.148
qlim,U,300 [kN/m2]	33.86	10.03	4.232	2.167	1.254	0.790	0.529	0.372	0.271	0.204	0.157	0.123	0.099

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	12.82	6.954	4.397	3.040	2.231	1.708	1.350	1.095	0.894	0.739	0.621	0.530	0.457
qlim,U,2 [kN/m2]	19.08	9.282	5.411	3.524	2.471	1.827	1.404	1.112	0.903	0.747	0.629	0.536	0.462
qlim,U,3 [kN/m2]	12.91	7.015	4.440	3.073	2.256	1.728	1.367	1.108	0.908	0.751	0.631	0.538	0.464
qlim,U,4 [kN/m2]	18.87	9.159	5.334	3.473	2.434	1.799	1.383	1.095	0.889	0.736	0.619	0.528	0.455
qlim,U,200 [kN/m2]	53.20	15.76	6.651	3.405	1.971	1.241	0.831	0.584	0.426	0.320	0.246	0.194	0.155
qlim,U,300 [kN/m2]	35.47	10.51	4.434	2.270	1.314	0.827	0.554	0.389	0.284	0.213	0.164	0.129	0.103

LVV 30 0.7

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	23.94	14.29	8.036	5.143	3.571	2.624	2.009	1.587	1.286	1.063	0.893	0.761	0.656
qlim,U,2 [kN/m2]	31.62	14.05	7.904	5.059	3.513	2.581	1.976	1.561	1.265	1.045	0.878	0.748	0.645
qlim,U,3 [kN/m2]	23.94	14.05	7.904	5.059	3.513	2.581	1.976	1.561	1.265	1.045	0.878	0.748	0.645
qlim,U,4 [kN/m2]	32.14	14.29	8.036	5.143	3.571	2.624	2.009	1.587	1.286	1.063	0.893	0.761	0.656
qlim,U,200 [kN/m2]	26.78	7.935	3.347	1.714	0.992	0.625	0.418	0.294	0.214	0.161	0.124	0.098	0.078
qlim,U,300 [kN/m2]	17.85	5.290	2.232	1.143	0.661	0.416	0.279	0.196	0.143	0.107	0.083	0.065	0.052

3-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	18.97	10.20	6.409	4.412	3.226	2.464	1.944	1.558	1.263	1.044	0.877	0.748	0.645
qlim,U,2 [kN/m2]	27.90	13.35	7.725	5.013	3.508	2.590	1.989	1.575	1.277	1.057	0.889	0.758	0.654
qlim,U,3 [kN/m2]	19.12	10.30	6.478	4.463	3.266	2.495	1.969	1.584	1.284	1.061	0.892	0.760	0.655
qlim,U,4 [kN/m2]	27.55	13.16	7.609	4.935	3.453	2.548	1.957	1.549	1.257	1.040	0.874	0.746	0.643
qlim,U,200 [kN/m2]	75.88	22.48	9.485	4.856	2.810	1.770	1.186	0.833	0.607	0.456	0.351	0.276	0.221
qlim,U,300 [kN/m2]	50.59	14.99	6.323	3.237	1.874	1.180	0.790	0.555	0.405	0.304	0.234	0.184	0.147

4-támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	22.54	12.24	7.740	5.353	3.929	3.009	2.379	1.929	1.577	1.304	1.096	0.934	0.806
qlim,U,2 [kN/m2]	33.12	16.24	9.500	6.199	4.352	3.218	2.475	1.961	1.592	1.318	1.109	0.946	0.816
qlim,U,3 [kN/m2]	22.71	12.35	7.820	5.413	3.975	3.046	2.409	1.954	1.603	1.326	1.114	0.950	0.819
qlim,U,4 [kN/m2]	32.75	16.02	9.361	6.104	4.284	3.168	2.436	1.930	1.567	1.297	1.091	0.930	0.803
qlim,U,200 [kN/m2]	59.78	17.71	7.473	3.826	2.214	1.394	0.934	0.656	0.478	0.359	0.277	0.218	0.174
qlim,U,300 [kN/m2]	39.85	11.81	4.982	2.551	1.476	0.930	0.623	0.437	0.319	0.240	0.185	0.145	0.116

5 vagy több támaszú tartó

Támaszköz [m]	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2
qlim,U,1 [kN/m2]	20.70	11.27	7.143	4.948	3.636	2.787	2.205	1.789	1.472	1.217	1.023	0.872	0.752
qlim,U,2 [kN/m2]	31.46	15.30	8.918	5.808	4.073	3.010	2.314	1.833	1.488	1.231	1.036	0.883	0.762
qlim,U,3 [kN/m2]	20.85	11.37	7.216	5.003	3.678	2.821	2.233	1.812	1.497	1.238	1.040	0.886	0.764
qlim,U,4 [kN/m2]	31.09	15.09	8.785	5.719	4.009	2.962	2.277	1.804	1.464	1.211	1.019	0.869	0.750
qlim,U,200 [kN/m2]	62.63	18.56	7.829	4.008	2.320	1.461	0.979	0.687	0.501	0.376	0.290	0.228	0.183
qlim,U,300 [kN/m2]	41.75	12.37	5.219	2.672	1.546	0.974	0.652	0.458	0.334	0.251	0.193	0.152	0.122

LTP 45 0.5

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	6.239	4.680	3.576	2.483	1.824	1.397	1.104	0.894	0.739	0.621	0.529	0.456	0.397
qlim,U,2 [kN/m2]	9.952	5.598	3.583	2.488	1.828	1.399	1.106	0.896	0.740	0.622	0.530	0.457	0.398
qlim,U,3 [kN/m2]	6.239	4.680	3.583	2.488	1.828	1.399	1.106	0.896	0.740	0.622	0.530	0.457	0.398
qlim,U,4 [kN/m2]	9.932	5.587	3.576	2.483	1.824	1.397	1.104	0.894	0.739	0.621	0.529	0.456	0.397
qlim,U,200 [kN/m2]	13.99	5.901	3.022	1.749	1.101	0.738	0.518	0.378	0.284	0.219	0.172	0.138	0.112
qlim,U,300 [kN/m2]	9.326	3.934	2.014	1.166	0.734	0.492	0.345	0.252	0.189	0.146	0.115	0.092	0.075

3-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	5.478	3.583	2.541	1.902	1.479	1.185	0.971	0.811	0.687	0.590	0.512	0.449	0.397
qlim,U,2 [kN/m2]	8.440	5.065	3.351	2.372	1.763	1.360	1.081	0.879	0.728	0.613	0.524	0.452	0.394
qlim,U,3 [kN/m2]	5.473	3.579	2.538	1.899	1.477	1.183	0.970	0.809	0.686	0.589	0.511	0.448	0.396
qlim,U,4 [kN/m2]	8.452	5.074	3.357	2.376	1.766	1.363	1.083	0.880	0.730	0.615	0.525	0.453	0.395
qlim,U,200 [kN/m2]	35.96	15.17	7.766	4.494	2.830	1.896	1.332	0.971	0.729	0.562	0.442	0.354	0.288
qlim,U,300 [kN/m2]	23.97	10.11	5.178	2.996	1.887	1.264	0.888	0.647	0.486	0.375	0.295	0.236	0.192

4-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	6.484	4.270	3.044	2.288	1.786	1.435	1.179	0.986	0.837	0.720	0.626	0.549	0.486
qlim,U,2 [kN/m2]	9.959	6.098	4.081	2.909	2.172	1.682	1.339	1.091	0.905	0.763	0.652	0.563	0.491
qlim,U,3 [kN/m2]	6.479	4.266	3.041	2.285	1.784	1.433	1.177	0.985	0.836	0.719	0.625	0.549	0.485
qlim,U,4 [kN/m2]	9.971	6.107	4.088	2.914	2.176	1.685	1.341	1.093	0.907	0.764	0.653	0.564	0.492
qlim,U,200 [kN/m2]	28.33	11.95	6.119	3.541	2.230	1.494	1.049	0.765	0.575	0.443	0.348	0.279	0.227
qlim,U,300 [kN/m2]	18.89	7.967	4.079	2.361	1.487	0.996	0.699	0.510	0.383	0.295	0.232	0.186	0.151

5 vagy több támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	5.824	3.924	2.803	2.109	1.648	1.325	1.089	0.912	0.775	0.667	0.580	0.509	0.451
qlim,U,2 [kN/m2]	9.479	5.766	3.844	2.733	2.038	1.576	1.254	1.020	0.846	0.713	0.609	0.526	0.459
qlim,U,3 [kN/m2]	5.824	3.921	2.800	2.107	1.646	1.323	1.088	0.911	0.774	0.666	0.579	0.508	0.450
qlim,U,4 [kN/m2]	9.491	5.774	3.850	2.738	2.041	1.579	1.256	1.022	0.848	0.715	0.610	0.527	0.460
qlim,U,200 [kN/m2]	29.68	12.52	6.410	3.710	2.336	1.565	1.099	0.801	0.602	0.464	0.365	0.292	0.237
qlim,U,300 [kN/m2]	19.79	8.347	4.274	2.473	1.557	1.043	0.733	0.534	0.401	0.309	0.243	0.195	0.158

LTP 45 0.6

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	9.036	6.777	5.074	3.523	2.589	1.982	1.566	1.268	1.048	0.881	0.751	0.647	0.564
qlim,U,2 [kN/m2]	14.14	7.955	5.091	3.535	2.598	1.989	1.571	1.273	1.052	0.884	0.753	0.649	0.566
qlim,U,3 [kN/m2]	9.036	6.777	5.091	3.535	2.598	1.989	1.571	1.273	1.052	0.884	0.753	0.649	0.566
qlim,U,4 [kN/m2]	14.09	7.928	5.074	3.523	2.589	1.982	1.566	1.268	1.048	0.881	0.751	0.647	0.564
qlim,U,200 [kN/m2]	18.26	7.702	3.943	2.282	1.437	0.963	0.676	0.493	0.370	0.285	0.224	0.180	0.146
qlim,U,300 [kN/m2]	12.17	5.135	2.629	1.521	0.958	0.642	0.451	0.329	0.247	0.190	0.150	0.120	0.097

3-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	7.799	5.099	3.616	2.706	2.104	1.685	1.381	1.153	0.977	0.839	0.728	0.638	0.564
qlim,U,2 [kN/m2]	12.12	7.241	4.779	3.378	2.509	1.934	1.536	1.249	1.035	0.871	0.744	0.642	0.560
qlim,U,3 [kN/m2]	7.787	5.090	3.609	2.700	2.100	1.681	1.378	1.150	0.975	0.837	0.727	0.637	0.563
qlim,U,4 [kN/m2]	12.15	7.262	4.794	3.388	2.517	1.941	1.541	1.253	1.038	0.874	0.746	0.644	0.562
qlim,U,200 [kN/m2]	47.41	20.00	10.24	5.926	3.732	2.500	1.756	1.280	0.962	0.741	0.583	0.466	0.379
qlim,U,300 [kN/m2]	31.60	13.33	6.827	3.951	2.488	1.667	1.171	0.853	0.641	0.494	0.388	0.311	0.253

4-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	9.232	6.078	4.333	3.256	2.541	2.041	1.677	1.402	1.191	1.024	0.890	0.781	0.691
qlim,U,2 [kN/m2]	14.35	8.739	5.831	4.149	3.095	2.393	1.904	1.550	1.286	1.084	0.926	0.800	0.698
qlim,U,3 [kN/m2]	9.219	6.068	4.325	3.249	2.536	2.036	1.673	1.399	1.188	1.022	0.888	0.779	0.689
qlim,U,4 [kN/m2]	14.38	8.762	5.848	4.161	3.104	2.401	1.911	1.556	1.291	1.088	0.929	0.802	0.700
qlim,U,200 [kN/m2]	37.35	15.76	8.068	4.669	2.940	1.970	1.383	1.008	0.758	0.584	0.459	0.368	0.299
qlim,U,300 [kN/m2]	24.90	10.50	5.378	3.113	1.960	1.313	0.922	0.672	0.505	0.389	0.306	0.245	0.199

5 vagy több támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	8.433	5.586	3.989	3.001	2.345	1.885	1.550	1.297	1.102	0.949	0.825	0.724	0.641
qlim,U,2 [kN/m2]	13.64	8.256	5.488	3.896	2.902	2.242	1.783	1.451	1.203	1.013	0.865	0.747	0.652
qlim,U,3 [kN/m2]	8.433	5.577	3.981	2.995	2.340	1.881	1.546	1.294	1.100	0.946	0.823	0.722	0.639
qlim,U,4 [kN/m2]	13.67	8.279	5.505	3.908	2.911	2.249	1.788	1.455	1.207	1.017	0.868	0.750	0.654
qlim,U,200 [kN/m2]	39.13	16.51	8.452	4.891	3.080	2.063	1.449	1.056	0.794	0.611	0.481	0.385	0.313
qlim,U,300 [kN/m2]	26.09	11.01	5.635	3.261	2.053	1.376	0.966	0.704	0.529	0.408	0.321	0.257	0.209

LTP 45 0.7

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	14.55	10.91	8.347	5.797	4.259	3.261	2.576	2.087	1.725	1.449	1.235	1.065	0.927
qlim,U,2 [kN/m2]	23.27	13.09	8.376	5.816	4.273	3.272	2.585	2.094	1.730	1.454	1.239	1.068	0.931
qlim,U,3 [kN/m2]	14.55	10.91	8.376	5.816	4.273	3.272	2.585	2.094	1.730	1.454	1.239	1.068	0.931
qlim,U,4 [kN/m2]	23.19	13.04	8.347	5.797	4.259	3.261	2.576	2.087	1.725	1.449	1.235	1.065	0.927
qlim,U,200 [kN/m2]	21.49	9.067	4.642	2.686	1.692	1.133	0.796	0.580	0.436	0.336	0.264	0.211	0.172
qlim,U,300 [kN/m2]	14.33	6.045	3.095	1.791	1.128	0.756	0.531	0.387	0.291	0.224	0.176	0.141	0.115

3-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	12.58	8.247	5.859	4.391	3.420	2.741	2.248	1.878	1.593	1.369	1.189	1.042	0.922
qlim,U,2 [kN/m2]	19.93	11.91	7.862	5.556	4.127	3.182	2.527	2.054	1.702	1.433	1.223	1.056	0.921
qlim,U,3 [kN/m2]	12.56	8.233	5.848	4.382	3.412	2.735	2.243	1.874	1.589	1.365	1.186	1.040	0.919
qlim,U,4 [kN/m2]	19.98	11.95	7.886	5.574	4.140	3.193	2.535	2.061	1.708	1.438	1.227	1.060	0.924
qlim,U,200 [kN/m2]	55.81	23.55	12.06	6.976	4.393	2.943	2.067	1.507	1.132	0.872	0.686	0.549	0.446
qlim,U,300 [kN/m2]	37.21	15.70	8.037	4.651	2.929	1.962	1.378	1.005	0.755	0.581	0.457	0.366	0.298

4-támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	14.88	9.822	7.015	5.280	4.126	3.317	2.728	2.283	1.940	1.670	1.452	1.275	1.128
qlim,U,2 [kN/m2]	23.59	14.37	9.592	6.824	5.091	3.937	3.133	2.551	2.116	1.783	1.523	1.316	1.148
qlim,U,3 [kN/m2]	14.86	9.806	7.002	5.269	4.117	3.310	2.721	2.278	1.936	1.666	1.449	1.272	1.126
qlim,U,4 [kN/m2]	23.65	14.41	9.619	6.845	5.107	3.950	3.143	2.559	2.123	1.789	1.528	1.320	1.152
qlim,U,200 [kN/m2]	43.97	18.55	9.498	5.496	3.461	2.319	1.629	1.187	0.892	0.687	0.540	0.433	0.352
qlim,U,300 [kN/m2]	29.31	12.37	6.332	3.664	2.308	1.546	1.086	0.791	0.595	0.458	0.360	0.288	0.235

5 vagy több támaszú tartó

Támaszköz [m]	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5
qlim,U,1 [kN/m2]	13.58	9.025	6.456	4.866	3.807	3.064	2.521	2.112	1.796	1.546	1.345	1.182	1.046
qlim,U,2 [kN/m2]	22.43	13.58	9.028	6.409	4.773	3.688	2.933	2.386	1.979	1.667	1.423	1.229	1.072
qlim,U,3 [kN/m2]	13.58	9.010	6.445	4.856	3.799	3.057	2.515	2.107	1.791	1.542	1.342	1.179	1.043
qlim,U,4 [kN/m2]	22.49	13.62	9.055	6.428	4.788	3.700	2.942	2.394	1.985	1.673	1.428	1.233	1.076
qlim,U,200 [kN/m2]	46.07	19.43	9.950	5.758	3.626	2.429	1.706	1.244	0.934	0.720	0.566	0.453	0.369
qlim,U,300 [kN/m2]	30.71	12.96	6.633	3.839	2.417	1.619	1.137	0.829	0.623	0.480	0.377	0.302	0.246

LTP 85 / 0.75

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	7.694	5.129	3.847	3.077	2.565	2.198	1.923	1.710	1.437	1.188	0.998	0.850	0.733
qlim,U,2 [kN/m2]	33.89	17.16	9.654	6.179	4.291	3.152	2.414	1.907	1.545	1.277	1.073	0.914	0.788
qlim,U,3 [kN/m2]	9.618	6.412	4.809	3.847	3.206	2.748	2.404	1.907	1.545	1.277	1.073	0.914	0.788
qlim,U,4 [kN/m2]	33.89	15.97	8.981	5.748	3.992	2.933	2.245	1.774	1.437	1.188	0.998	0.850	0.733
qlim,S,200 [kN/m2]	69.88	20.71	8.735	4.473	2.588	1.630	1.092	0.767	0.559	0.420	0.324	0.254	0.204
qlim,S,300 [kN/m2]	46.59	13.80	5.824	2.982	1.726	1.087	0.728	0.511	0.373	0.280	0.216	0.170	0.136

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	9.324	5.704	3.930	2.907	2.253	1.805	1.482	1.241	1.056	0.910	0.793	0.698	0.619
qlim,U,2 [kN/m2]	21.64	11.97	7.487	5.079	3.651	2.743	2.131	1.702	1.389	1.155	0.974	0.833	0.720
qlim,U,3 [kN/m2]	11.00	6.534	4.418	3.218	2.461	1.949	1.585	1.316	1.111	0.951	0.824	0.721	0.636
qlim,U,4 [kN/m2]	22.19	12.45	7.864	5.369	3.876	2.920	2.274	1.818	1.486	1.236	1.044	0.893	0.772
qlim,S,200 [kN/m2]	169.1	50.09	21.13	10.82	6.261	3.943	2.641	1.855	1.352	1.016	0.783	0.616	0.493
qlim,S,300 [kN/m2]	112.7	33.39	14.09	7.213	4.174	2.629	1.761	1.237	0.902	0.677	0.522	0.410	0.329

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	9.617	6.411	4.602	3.421	2.662	2.140	1.763	1.481	1.263	1.091	0.953	0.840	0.746
qlim,U,2 [kN/m2]	23.91	13.70	8.788	6.063	4.409	3.338	2.608	2.091	1.712	1.426	1.206	1.032	0.894
qlim,U,3 [kN/m2]	12.02	7.652	5.207	3.812	2.928	2.328	1.899	1.581	1.338	1.148	0.996	0.873	0.772
qlim,U,4 [kN/m2]	24.38	14.15	9.174	6.376	4.660	3.541	2.774	2.228	1.827	1.524	1.290	1.105	0.957
qlim,S,200 [kN/m2]	133.2	39.46	16.65	8.524	4.933	3.107	2.081	1.462	1.066	0.801	0.617	0.485	0.388
qlim,S,300 [kN/m2]	88.79	26.31	11.10	5.683	3.289	2.071	1.387	0.974	0.710	0.534	0.411	0.323	0.259

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	7.181	4.787	3.590	2.872	2.394	1.964	1.619	1.361	1.162	1.004	0.878	0.774	0.688
qlim,U,2 [kN/m2]	23.23	13.16	8.379	5.749	4.164	3.144	2.452	1.963	1.606	1.337	1.129	0.967	0.836
qlim,U,3 [kN/m2]	8.976	5.984	4.488	3.497	2.690	2.141	1.748	1.457	1.234	1.059	0.920	0.807	0.713
qlim,U,4 [kN/m2]	23.72	13.63	8.764	6.056	4.408	3.340	2.611	2.094	1.715	1.429	1.209	1.035	0.896
qlim,S,200 [kN/m2]	139.5	41.34	17.44	8.930	5.168	3.254	2.180	1.531	1.116	0.839	0.646	0.508	0.407
qlim,S,300 [kN/m2]	93.02	27.56	11.63	5.953	3.445	2.170	1.453	1.021	0.744	0.559	0.431	0.339	0.271

LTP 85 / 0.88

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	10.52	7.014	5.261	4.209	3.507	3.006	2.630	2.216	1.795	1.483	1.247	1.062	0.916
qlim,U,2 [kN/m2]	47.17	20.97	11.79	7.548	5.242	3.851	2.948	2.330	1.887	1.559	1.310	1.117	0.963
qlim,U,3 [kN/m2]	13.44	8.962	6.722	5.377	4.481	3.841	2.948	2.330	1.887	1.559	1.310	1.117	0.963
qlim,U,4 [kN/m2]	44.87	19.94	11.22	7.180	4.986	3.663	2.805	2.216	1.795	1.483	1.247	1.062	0.916
qlim,S,200 [kN/m2]	85.72	25.40	10.72	5.486	3.175	1.999	1.339	0.941	0.686	0.515	0.397	0.312	0.250
qlim,S,300 [kN/m2]	57.15	16.93	7.144	3.658	2.117	1.333	0.893	0.627	0.457	0.343	0.265	0.208	0.167

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	12.41	7.486	5.126	3.773	2.911	2.323	1.902	1.588	1.348	1.159	1.008	0.885	0.784
qlim,U,2 [kN/m2]	30.60	16.22	9.886	6.598	4.695	3.502	2.709	2.156	1.755	1.456	1.227	1.048	0.905
qlim,U,3 [kN/m2]	14.79	8.711	5.851	4.239	3.228	2.547	2.064	1.709	1.440	1.230	1.063	0.929	0.818
qlim,U,4 [kN/m2]	31.30	16.76	10.27	6.880	4.906	3.665	2.838	2.260	1.841	1.528	1.288	1.100	0.950
qlim,S,200 [kN/m2]	206.5	61.19	25.81	13.22	7.649	4.817	3.227	2.266	1.652	1.241	0.956	0.752	0.602
qlim,S,300 [kN/m2]	137.7	40.79	17.21	8.811	5.099	3.211	2.151	1.511	1.101	0.828	0.637	0.501	0.401

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	13.15	8.733	6.015	4.449	3.448	2.761	2.268	1.899	1.615	1.392	1.213	1.067	0.946
qlim,U,2 [kN/m2]	34.41	18.92	11.79	7.979	5.727	4.297	3.337	2.663	2.173	1.805	1.523	1.302	1.126
qlim,U,3 [kN/m2]	16.80	10.22	6.912	5.033	3.849	3.048	2.479	2.058	1.737	1.487	1.288	1.127	0.994
qlim,U,4 [kN/m2]	35.04	19.46	12.21	8.297	5.972	4.490	3.491	2.789	2.277	1.893	1.598	1.366	1.182
qlim,S,200 [kN/m2]	162.7	48.21	20.34	10.41	6.026	3.795	2.542	1.786	1.302	0.978	0.753	0.592	0.474
qlim,S,300 [kN/m2]	108.5	32.14	13.56	6.942	4.018	2.530	1.695	1.190	0.868	0.652	0.502	0.395	0.316

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	9.820	6.547	4.910	3.928	3.162	2.536	2.084	1.747	1.487	1.283	1.118	0.984	0.873
qlim,U,2 [kN/m2]	33.25	18.07	11.18	7.533	5.391	4.037	3.131	2.496	2.035	1.690	1.425	1.218	1.053
qlim,U,3 [kN/m2]	12.55	8.365	6.273	4.620	3.538	2.805	2.283	1.897	1.603	1.373	1.190	1.042	0.920
qlim,U,4 [kN/m2]	33.91	18.62	11.59	7.840	5.626	4.220	3.277	2.614	2.133	1.772	1.495	1.278	1.105
qlim,S,200 [kN/m2]	170.5	50.51	21.31	10.91	6.313	3.976	2.663	1.871	1.364	1.025	0.789	0.621	0.497
qlim,S,300 [kN/m2]	113.6	33.67	14.20	7.273	4.209	2.650	1.776	1.247	0.909	0.683	0.526	0.414	0.331

LTP 85 / 1.00

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	13.81	9.204	6.903	5.522	4.602	3.945	3.334	2.635	2.134	1.764	1.482	1.263	1.089
qlim,U,2 [kN/m2]	55.08	24.48	13.77	8.813	6.120	4.496	3.442	2.720	2.203	1.821	1.530	1.304	1.124
qlim,U,3 [kN/m2]	17.84	11.89	8.920	7.136	5.947	4.496	3.442	2.720	2.203	1.821	1.530	1.304	1.124
qlim,U,4 [kN/m2]	53.35	23.71	13.34	8.536	5.928	4.355	3.334	2.635	2.134	1.764	1.482	1.263	1.089
qlim,S,200 [kN/m2]	100.4	29.76	12.55	6.427	3.720	2.342	1.569	1.102	0.803	0.604	0.465	0.366	0.293
qlim,S,300 [kN/m2]	66.95	19.84	8.369	4.285	2.480	1.562	1.046	0.735	0.536	0.402	0.310	0.244	0.195

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	15.73	9.413	6.403	4.687	3.599	2.861	2.334	1.943	1.644	1.410	1.224	1.073	0.948
qlim,U,2 [kN/m2]	38.01	19.82	11.96	7.942	5.632	4.192	3.238	2.574	2.094	1.736	1.462	1.248	1.078
qlim,U,3 [kN/m2]	18.89	11.03	7.360	5.303	4.019	3.160	2.553	2.108	1.771	1.510	1.303	1.136	1.000
qlim,U,4 [kN/m2]	38.62	20.26	12.27	8.163	5.796	4.318	3.336	2.653	2.159	1.790	1.508	1.288	1.112
qlim,S,200 [kN/m2]	241.5	71.54	30.18	15.45	8.943	5.632	3.773	2.650	1.932	1.451	1.118	0.879	0.704
qlim,S,300 [kN/m2]	161.0	47.70	20.12	10.30	5.962	3.754	2.515	1.766	1.288	0.968	0.745	0.586	0.469

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	17.26	11.00	7.531	5.540	4.273	3.409	2.789	2.328	1.975	1.698	1.477	1.296	1.148
qlim,U,2 [kN/m2]	43.07	23.28	14.35	9.646	6.894	5.158	3.997	3.185	2.596	2.155	1.817	1.553	1.342
qlim,U,3 [kN/m2]	22.03	12.97	8.713	6.311	4.804	3.790	3.072	2.543	2.142	1.830	1.582	1.381	1.217
qlim,U,4 [kN/m2]	43.64	23.74	14.69	9.899	7.086	5.307	4.116	3.281	2.675	2.222	1.874	1.602	1.384
qlim,S,200 [kN/m2]	190.2	56.37	23.78	12.18	7.046	4.437	2.972	2.088	1.522	1.143	0.881	0.693	0.555
qlim,S,300 [kN/m2]	126.8	37.58	15.85	8.117	4.697	2.958	1.982	1.392	1.015	0.762	0.587	0.462	0.370

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m2]	12.89	8.590	6.443	5.079	3.922	3.133	2.566	2.144	1.820	1.566	1.362	1.197	1.060
qlim,U,2 [kN/m2]	41.53	22.19	13.59	9.093	6.481	4.841	3.747	2.983	2.430	2.016	1.700	1.452	1.254
qlim,U,3 [kN/m2]	16.65	11.10	7.991	5.798	4.420	3.491	2.832	2.347	1.978	1.690	1.462	1.278	1.126
qlim,U,4 [kN/m2]	42.11	22.65	13.92	9.337	6.665	4.982	3.859	3.074	2.505	2.079	1.753	1.498	1.294
qlim,S,200 [kN/m2]	199.3	59.05	24.91	12.76	7.381	4.648	3.114	2.187	1.594	1.198	0.923	0.726	0.581
qlim,S,300 [kN/m2]	132.9	39.37	16.61	8.503	4.921	3.099	2.076	1.458	1.063	0.799	0.615	0.484	0.387

LTP 85 / 1.13

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	17.89	11.93	8.947	7.157	5.965	5.112	3.919	3.097	2.508	2.073	1.742	1.484	1.280
qlim,U,2 [kN/m ²]	63.65	28.29	15.91	10.18	7.072	5.196	3.978	3.143	2.546	2.104	1.768	1.506	1.299
qlim,U,3 [kN/m ²]	23.26	15.51	11.63	9.303	7.072	5.196	3.978	3.143	2.546	2.104	1.768	1.506	1.299
qlim,U,4 [kN/m ²]	62.71	27.87	15.68	10.03	6.968	5.119	3.919	3.097	2.508	2.073	1.742	1.484	1.280
qlim,S,200 [kN/m ²]	114.3	33.85	14.28	7.312	4.232	2.665	1.785	1.254	0.914	0.687	0.529	0.416	0.333
qlim,S,300 [kN/m ²]	76.17	22.57	9.521	4.875	2.821	1.777	1.190	0.836	0.609	0.458	0.353	0.277	0.222

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	19.68	11.68	7.889	5.742	4.389	3.474	2.824	2.344	1.979	1.693	1.466	1.283	1.132
qlim,U,2 [kN/m ²]	46.49	23.86	14.28	9.434	6.671	4.956	3.823	3.036	2.468	2.045	1.722	1.470	1.269
qlim,U,3 [kN/m ²]	23.71	13.73	9.102	6.524	4.924	3.857	3.107	2.559	2.146	1.826	1.573	1.369	1.203
qlim,U,4 [kN/m ²]	46.87	24.12	14.46	9.559	6.762	5.026	3.877	3.080	2.504	2.075	1.748	1.492	1.288
qlim,S,200 [kN/m ²]	274.6	81.38	34.33	17.58	10.17	6.406	4.291	3.014	2.197	1.651	1.271	1.000	0.801
qlim,S,300 [kN/m ²]	183.1	54.25	22.89	11.72	6.781	4.270	2.861	2.009	1.465	1.100	0.848	0.667	0.534

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	22.37	13.68	9.300	6.804	5.223	4.150	3.384	2.816	2.383	2.044	1.773	1.554	1.373
qlim,U,2 [kN/m ²]	53.09	28.22	17.22	11.50	8.189	6.111	4.728	3.763	3.064	2.542	2.143	1.830	1.581
qlim,U,3 [kN/m ²]	27.70	16.18	10.80	7.781	5.899	4.637	3.747	3.094	2.600	2.217	1.913	1.668	1.468
qlim,U,4 [kN/m ²]	53.45	28.49	17.42	11.65	8.298	6.195	4.794	3.816	3.108	2.579	2.174	1.857	1.604
qlim,S,200 [kN/m ²]	216.4	64.11	27.05	13.85	8.014	5.047	3.381	2.375	1.731	1.301	1.002	0.788	0.631
qlim,S,300 [kN/m ²]	144.3	42.74	18.03	9.232	5.343	3.365	2.254	1.583	1.154	0.867	0.668	0.525	0.421

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	16.70	11.13	8.350	6.242	4.798	3.817	3.116	2.595	2.197	1.886	1.637	1.435	1.269
qlim,U,2 [kN/m ²]	51.07	26.84	16.27	10.83	7.692	5.731	4.429	3.522	2.867	2.378	2.003	1.710	1.477
qlim,U,3 [kN/m ²]	21.71	14.47	9.911	7.153	5.430	4.274	3.457	2.857	2.402	2.049	1.769	1.544	1.359
qlim,U,4 [kN/m ²]	51.44	27.11	16.47	10.97	7.795	5.810	4.491	3.573	2.908	2.412	2.032	1.735	1.499
qlim,S,200 [kN/m ²]	226.7	67.17	28.34	14.51	8.396	5.287	3.542	2.488	1.814	1.363	1.049	0.825	0.661
qlim,S,300 [kN/m ²]	151.1	44.78	18.89	9.672	5.597	3.525	2.361	1.658	1.209	0.908	0.700	0.550	0.441

LTP 85 / 1.25

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	22.18	14.78	11.09	8.871	7.392	5.830	4.464	3.527	2.857	2.361	1.984	1.690	1.458
qlim,U,2 [kN/m ²]	71.55	31.80	17.89	11.45	7.950	5.841	4.472	3.533	2.862	2.365	1.987	1.693	1.460
qlim,U,3 [kN/m ²]	28.86	19.24	14.43	11.45	7.950	5.841	4.472	3.533	2.862	2.365	1.987	1.693	1.460
qlim,U,4 [kN/m ²]	71.42	31.74	17.86	11.43	7.936	5.830	4.464	3.527	2.857	2.361	1.984	1.690	1.458
qlim,S,200 [kN/m ²]	126.8	37.58	15.85	8.117	4.697	2.958	1.982	1.392	1.015	0.762	0.587	0.462	0.370
qlim,S,300 [kN/m ²]	84.55	25.05	10.57	5.411	3.132	1.972	1.321	0.928	0.676	0.508	0.391	0.308	0.247

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	23.63	13.92	9.347	6.770	5.154	4.066	3.296	2.728	2.298	1.963	1.697	1.482	1.306
qlim,U,2 [kN/m ²]	54.64	27.68	16.46	10.83	7.641	5.669	4.368	3.467	2.817	2.334	1.965	1.676	1.447
qlim,U,3 [kN/m ²]	28.47	16.37	10.79	7.703	5.794	4.526	3.637	2.990	2.502	2.126	1.829	1.590	1.396
qlim,U,4 [kN/m ²]	54.70	27.72	16.48	10.85	7.653	5.678	4.376	3.473	2.822	2.338	1.968	1.679	1.450
qlim,S,200 [kN/m ²]	304.9	90.34	38.11	19.51	11.29	7.111	4.764	3.346	2.439	1.833	1.411	1.110	0.889
qlim,S,300 [kN/m ²]	203.3	60.22	25.41	13.01	7.528	4.741	3.176	2.231	1.626	1.222	0.941	0.740	0.593

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	27.52	16.33	11.04	8.039	6.147	4.867	3.957	3.285	2.773	2.374	2.056	1.799	1.587
qlim,U,2 [kN/m ²]	62.81	32.91	19.92	13.24	9.401	7.002	5.410	4.302	3.500	2.903	2.445	2.088	1.803
qlim,U,3 [kN/m ²]	33.32	19.33	12.83	9.204	6.953	5.451	4.394	3.620	3.037	2.585	2.228	1.940	1.705
qlim,U,4 [kN/m ²]	62.87	32.95	19.95	13.26	9.416	7.014	5.419	4.309	3.506	2.908	2.450	2.092	1.806
qlim,S,200 [kN/m ²]	240.2	71.17	30.03	15.37	8.897	5.603	3.753	2.636	1.922	1.444	1.112	0.875	0.700
qlim,S,300 [kN/m ²]	160.1	47.45	20.02	10.25	5.931	3.735	2.502	1.757	1.281	0.963	0.741	0.583	0.467

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	20.70	13.80	10.12	7.380	5.650	4.479	3.646	3.029	2.559	2.192	1.899	1.663	1.468
qlim,U,2 [kN/m ²]	60.29	31.25	18.80	12.46	8.823	6.563	5.066	4.025	3.274	2.714	2.286	1.951	1.685
qlim,U,3 [kN/m ²]	26.93	17.71	11.78	8.467	6.405	5.026	4.055	3.344	2.807	2.391	2.061	1.796	1.579
qlim,U,4 [kN/m ²]	60.35	31.29	18.83	12.48	8.837	6.574	5.074	4.032	3.280	2.719	2.290	1.955	1.688
qlim,S,200 [kN/m ²]	251.6	74.56	31.46	16.11	9.320	5.869	3.932	2.762	2.013	1.513	1.165	0.916	0.734
qlim,S,300 [kN/m ²]	167.8	49.71	20.97	10.74	6.214	3.913	2.621	1.841	1.342	1.008	0.777	0.611	0.489

LTP 85 / 1.50

Támaszszélesség: 40 mm

2-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	32.78	21.85	16.39	13.11	9.771	7.179	5.496	4.343	3.518	2.907	2.443	2.081	1.795
qlim,U,2 [kN/m ²]	87.01	38.67	21.75	13.92	9.668	7.103	5.438	4.297	3.480	2.876	2.417	2.059	1.776
qlim,U,3 [kN/m ²]	42.33	28.22	21.17	13.92	9.668	7.103	5.438	4.297	3.480	2.876	2.417	2.059	1.776
qlim,U,4 [kN/m ²]	87.94	39.09	21.99	14.07	9.771	7.179	5.496	4.343	3.518	2.907	2.443	2.081	1.795
qlim,S,200 [kN/m ²]	153.0	45.35	19.13	9.795	5.668	3.569	2.391	1.679	1.224	0.920	0.709	0.557	0.446
qlim,S,300 [kN/m ²]	102.0	30.23	12.75	6.530	3.779	2.380	1.594	1.120	0.816	0.613	0.472	0.372	0.297

3-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	32.68	18.94	12.57	9.011	6.805	5.332	4.297	3.540	2.968	2.526	2.177	1.895	1.666
qlim,U,2 [kN/m ²]	70.15	34.90	20.56	13.47	9.475	7.017	5.401	4.283	3.478	2.880	2.424	2.068	1.784
qlim,U,3 [kN/m ²]	38.96	22.06	14.38	10.17	7.599	5.902	4.720	3.864	3.223	2.730	2.342	2.032	1.780
qlim,U,4 [kN/m ²]	69.67	34.61	20.37	13.34	9.381	6.946	5.346	4.239	3.442	2.850	2.398	2.046	1.766
qlim,S,200 [kN/m ²]	367.9	109.0	45.99	23.54	13.63	8.580	5.748	4.037	2.943	2.211	1.703	1.340	1.073
qlim,S,300 [kN/m ²]	245.3	72.67	30.66	15.70	9.084	5.720	3.832	2.691	1.962	1.474	1.135	0.893	0.715

4-támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	38.18	22.32	14.90	10.75	8.150	6.409	5.181	4.279	3.596	3.067	2.647	2.308	2.031
qlim,U,2 [kN/m ²]	81.41	41.80	25.03	16.53	11.69	8.686	6.700	5.321	4.326	3.585	3.019	2.577	2.225
qlim,U,3 [kN/m ²]	45.74	26.14	17.16	12.20	9.153	7.133	5.722	4.695	3.924	3.329	2.861	2.486	2.180
qlim,U,4 [kN/m ²]	80.93	41.48	24.81	16.38	11.58	8.600	6.633	5.267	4.282	3.549	2.988	2.550	2.202
qlim,S,200 [kN/m ²]	289.9	85.88	36.23	18.55	10.74	6.760	4.529	3.181	2.319	1.742	1.342	1.055	0.845
qlim,S,300 [kN/m ²]	193.2	57.25	24.15	12.37	7.157	4.507	3.019	2.121	1.546	1.161	0.895	0.704	0.563

5 vagy több támaszú tartó

Támaszköz [m]	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
qlim,U,1 [kN/m ²]	30.59	20.39	13.68	9.878	7.502	5.906	4.779	3.950	3.322	2.835	2.448	2.136	1.881
qlim,U,2 [kN/m ²]	77.91	39.59	23.58	15.53	10.96	8.135	6.270	4.977	4.045	3.351	2.821	2.408	2.078
qlim,U,3 [kN/m ²]	39.51	23.98	15.78	11.24	8.441	6.585	5.287	4.341	3.631	3.082	2.650	2.304	2.021
qlim,U,4 [kN/m ²]	77.43	39.28	23.37	15.38	10.85	8.054	6.207	4.926	4.003	3.317	2.792	2.383	2.057
qlim,S,200 [kN/m ²]	303.7	89.97	37.96	19.43	11.25	7.082	4.745	3.332	2.429	1.825	1.406	1.106	0.885
qlim,S,300 [kN/m ²]	202.4	59.98	25.30	12.96	7.498	4.722	3.163	2.222	1.619	1.217	0.937	0.737	0.590

LTP 100 / 0.75

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	5.917	4.437	3.550	2.958	2.536	2.219	1.972	1.775	1.527	1.283	1.094	0.943	0.821
qlim,U,2 [kN/m2]	19.70	11.08	7.092	4.925	3.618	2.770	2.189	1.773	1.465	1.231	1.049	0.905	0.788
qlim,U,3 [kN/m2]	7.562	5.672	4.537	3.781	3.241	2.770	2.189	1.773	1.465	1.231	1.049	0.905	0.788
qlim,U,4 [kN/m2]	20.54	11.55	7.393	5.134	3.772	2.888	2.282	1.848	1.527	1.283	1.094	0.943	0.821
qlim,S,200 [kN/m2]	31.69	13.37	6.844	3.961	2.494	1.671	1.174	0.856	0.643	0.495	0.389	0.312	0.253
qlim,S,300 [kN/m2]	21.12	8.912	4.563	2.640	1.663	1.114	0.782	0.570	0.429	0.330	0.260	0.208	0.169

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	7.889	5.592	4.063	3.102	2.453	1.992	1.652	1.393	1.192	1.031	0.902	0.795	0.707
qlim,U,2 [kN/m2]	14.02	9.008	6.221	4.527	3.428	2.680	2.149	1.760	1.466	1.240	1.062	0.919	0.803
qlim,U,3 [kN/m2]	9.849	6.549	4.706	3.559	2.793	2.253	1.858	1.559	1.328	1.145	0.997	0.877	0.777
qlim,U,4 [kN/m2]	13.75	8.780	6.038	4.381	3.312	2.585	2.071	1.694	1.411	1.193	1.021	0.883	0.772
qlim,S,200 [kN/m2]	78.52	33.12	16.96	9.815	6.181	4.140	2.908	2.120	1.593	1.227	0.965	0.773	0.628
qlim,S,300 [kN/m2]	52.34	22.08	11.31	6.543	4.120	2.760	1.939	1.413	1.062	0.818	0.643	0.515	0.419

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	7.396	5.547	4.437	3.694	2.932	2.388	1.986	1.679	1.439	1.248	1.093	0.965	0.859
qlim,U,2 [kN/m2]	15.77	10.40	7.320	5.400	4.131	3.252	2.622	2.156	1.802	1.528	1.311	1.136	0.994
qlim,U,3 [kN/m2]	9.453	7.089	5.607	4.259	3.354	2.714	2.244	1.887	1.611	1.391	1.214	1.069	0.948
qlim,U,4 [kN/m2]	15.52	10.17	7.129	5.241	4.000	3.143	2.531	2.079	1.736	1.471	1.261	1.093	0.956
qlim,S,200 [kN/m2]	61.86	26.10	13.36	7.733	4.870	3.262	2.291	1.670	1.255	0.967	0.760	0.609	0.495
qlim,S,300 [kN/m2]	41.24	17.40	8.908	5.155	3.246	2.175	1.527	1.114	0.837	0.644	0.507	0.406	0.330

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	5.522	4.142	3.313	2.761	2.367	2.071	1.830	1.549	1.328	1.152	1.010	0.892	0.794
qlim,U,2 [kN/m2]	15.24	9.969	6.974	5.121	3.905	3.067	2.468	2.026	1.692	1.433	1.229	1.065	0.931
qlim,U,3 [kN/m2]	7.058	5.293	4.235	3.529	3.025	2.503	2.071	1.743	1.489	1.286	1.123	0.989	0.878
qlim,U,4 [kN/m2]	14.98	9.741	6.784	4.966	3.778	2.962	2.381	1.953	1.629	1.379	1.182	1.024	0.895
qlim,S,200 [kN/m2]	64.81	27.34	14.00	8.101	5.101	3.418	2.400	1.750	1.315	1.013	0.796	0.638	0.518
qlim,S,300 [kN/m2]	43.20	18.23	9.332	5.401	3.401	2.278	1.600	1.167	0.876	0.675	0.531	0.425	0.346

LTP 100 / 0.88

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m ²]	8.227	6.170	4.936	4.113	3.526	3.085	2.742	2.311	1.910	1.605	1.367	1.179	1.027
qlim,U,2 [kN/m ²]	25.64	14.42	9.232	6.411	4.710	3.606	2.849	2.308	1.907	1.603	1.366	1.177	1.026
qlim,U,3 [kN/m ²]	10.72	8.040	6.432	5.360	4.595	3.606	2.849	2.308	1.907	1.603	1.366	1.177	1.026
qlim,U,4 [kN/m ²]	25.67	14.44	9.243	6.419	4.716	3.610	2.853	2.311	1.910	1.605	1.367	1.179	1.027
qlim,S,200 [kN/m ²]	39.09	16.49	8.443	4.886	3.077	2.061	1.448	1.055	0.793	0.611	0.480	0.385	0.313
qlim,S,300 [kN/m ²]	26.06	10.99	5.628	3.257	2.051	1.374	0.965	0.704	0.529	0.407	0.320	0.256	0.208

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m ²]	10.97	7.472	5.416	4.126	3.257	2.641	2.188	1.843	1.575	1.362	1.190	1.049	0.931
qlim,U,2 [kN/m ²]	19.79	12.27	8.280	5.932	4.445	3.448	2.750	2.243	1.863	1.571	1.343	1.161	1.013
qlim,U,3 [kN/m ²]	13.11	8.655	6.183	4.654	3.638	2.925	2.405	2.014	1.711	1.473	1.281	1.125	0.996
qlim,U,4 [kN/m ²]	19.77	12.26	8.271	5.925	4.440	3.445	2.747	2.240	1.861	1.570	1.341	1.159	1.012
qlim,S,200 [kN/m ²]	96.14	40.56	20.77	12.02	7.568	5.070	3.561	2.596	1.950	1.502	1.182	0.946	0.769
qlim,S,300 [kN/m ²]	64.09	27.04	13.84	8.012	5.045	3.380	2.374	1.731	1.300	1.001	0.788	0.631	0.513

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m ²]	10.28	7.713	6.170	4.919	3.897	3.170	2.633	2.224	1.904	1.650	1.443	1.274	1.133
qlim,U,2 [kN/m ²]	22.78	14.48	9.927	7.187	5.424	4.230	3.385	2.768	2.304	1.947	1.666	1.441	1.259
qlim,U,3 [kN/m ²]	13.40	10.05	7.386	5.584	4.380	3.532	2.912	2.443	2.080	1.793	1.562	1.373	1.217
qlim,U,4 [kN/m ²]	22.77	14.47	9.918	7.180	5.419	4.225	3.382	2.765	2.302	1.945	1.664	1.440	1.258
qlim,S,200 [kN/m ²]	75.75	31.96	16.36	9.469	5.963	3.995	2.805	2.045	1.537	1.184	0.931	0.745	0.606
qlim,S,300 [kN/m ²]	50.50	21.30	10.91	6.312	3.975	2.663	1.870	1.363	1.024	0.789	0.621	0.497	0.404

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m ²]	7.678	5.759	4.607	3.839	3.291	2.879	2.427	2.051	1.758	1.524	1.334	1.178	1.048
qlim,U,2 [kN/m ²]	21.85	13.78	9.399	6.781	5.105	3.974	3.177	2.595	2.159	1.823	1.559	1.348	1.178
qlim,U,3 [kN/m ²]	10.01	7.504	6.004	5.003	4.038	3.260	2.689	2.258	1.924	1.659	1.446	1.272	1.128
qlim,U,4 [kN/m ²]	21.84	13.77	9.390	6.774	5.100	3.970	3.173	2.592	2.156	1.821	1.557	1.347	1.176
qlim,S,200 [kN/m ²]	79.36	33.48	17.14	9.919	6.247	4.185	2.939	2.143	1.610	1.240	0.975	0.781	0.635
qlim,S,300 [kN/m ²]	52.90	22.32	11.43	6.613	4.164	2.790	1.959	1.428	1.073	0.827	0.650	0.521	0.423

LTP 100 / 1.00

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	10.70	8.024	6.419	5.350	4.585	4.012	3.392	2.747	2.271	1.908	1.626	1.402	1.221
qlim,U,2 [kN/m2]	29.98	16.86	10.79	7.494	5.506	4.216	3.331	2.698	2.230	1.874	1.596	1.377	1.199
qlim,U,3 [kN/m2]	14.08	10.56	8.451	7.042	5.506	4.216	3.331	2.698	2.230	1.874	1.596	1.377	1.199
qlim,U,4 [kN/m2]	30.53	17.17	10.99	7.632	5.607	4.293	3.392	2.747	2.271	1.908	1.626	1.402	1.221
qlim,S,200 [kN/m2]	46.08	19.44	9.952	5.759	3.627	2.430	1.706	1.244	0.935	0.720	0.566	0.453	0.369
qlim,S,300 [kN/m2]	30.72	12.96	6.635	3.840	2.418	1.620	1.138	0.829	0.623	0.480	0.377	0.302	0.246

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	13.76	9.193	6.631	5.032	3.958	3.201	2.644	2.223	1.896	1.637	1.428	1.257	1.115
qlim,U,2 [kN/m2]	24.52	15.01	10.04	7.156	5.344	4.136	3.293	2.682	2.226	1.876	1.602	1.384	1.208
qlim,U,3 [kN/m2]	16.35	10.73	7.632	5.724	4.460	3.577	2.935	2.453	2.081	1.789	1.554	1.363	1.205
qlim,U,4 [kN/m2]	24.24	14.80	9.890	7.042	5.256	4.067	3.237	2.636	2.187	1.843	1.574	1.360	1.187
qlim,S,200 [kN/m2]	112.7	47.55	24.34	14.09	8.871	5.943	4.174	3.043	2.286	1.761	1.385	1.109	0.902
qlim,S,300 [kN/m2]	75.13	31.70	16.23	9.392	5.914	3.962	2.783	2.029	1.524	1.174	0.923	0.739	0.601

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	13.37	10.03	7.888	6.011	4.746	3.850	3.189	2.687	2.296	1.986	1.735	1.529	1.358
qlim,U,2 [kN/m2]	28.51	17.86	12.12	8.716	6.549	5.090	4.065	3.318	2.758	2.328	1.991	1.721	1.503
qlim,U,3 [kN/m2]	17.61	12.78	9.134	6.879	5.379	4.327	3.560	2.981	2.534	2.181	1.898	1.666	1.475
qlim,U,4 [kN/m2]	28.22	17.63	11.95	8.585	6.446	5.008	3.998	3.262	2.711	2.288	1.956	1.691	1.477
qlim,S,200 [kN/m2]	88.79	37.46	19.18	11.10	6.990	4.683	3.289	2.397	1.801	1.387	1.091	0.874	0.710
qlim,S,300 [kN/m2]	59.20	24.97	12.79	7.400	4.660	3.122	2.192	1.598	1.201	0.925	0.727	0.582	0.474

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	9.986	7.489	5.991	4.993	4.280	3.548	2.942	2.481	2.121	1.836	1.605	1.415	1.257
qlim,U,2 [kN/m2]	27.27	16.95	11.45	8.209	6.155	4.777	3.811	3.108	2.582	2.178	1.862	1.609	1.405
qlim,U,3 [kN/m2]	13.15	9.859	7.887	6.340	4.963	3.996	3.289	2.757	2.345	2.019	1.758	1.544	1.367
qlim,U,4 [kN/m2]	26.98	16.73	11.28	8.083	6.056	4.698	3.747	3.055	2.538	2.141	1.830	1.581	1.380
qlim,S,200 [kN/m2]	93.02	39.24	20.09	11.63	7.322	4.906	3.445	2.512	1.887	1.453	1.143	0.915	0.744
qlim,S,300 [kN/m2]	62.02	26.16	13.40	7.752	4.882	3.270	2.297	1.674	1.258	0.969	0.762	0.610	0.496

LTP 100 / 1.13

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	13.76	10.32	8.254	6.879	5.896	5.044	3.985	3.228	2.668	2.242	1.910	1.647	1.435
qlim,U,2 [kN/m2]	34.76	19.55	12.51	8.690	6.385	4.888	3.862	3.128	2.585	2.173	1.851	1.596	1.390
qlim,U,3 [kN/m2]	18.21	13.66	10.92	8.690	6.385	4.888	3.862	3.128	2.585	2.173	1.851	1.596	1.390
qlim,U,4 [kN/m2]	35.87	20.18	12.91	8.967	6.588	5.044	3.985	3.228	2.668	2.242	1.910	1.647	1.435
qlim,S,200 [kN/m2]	53.71	22.66	11.60	6.714	4.228	2.833	1.989	1.450	1.090	0.839	0.660	0.529	0.430
qlim,S,300 [kN/m2]	35.81	15.11	7.735	4.476	2.819	1.888	1.326	0.967	0.726	0.560	0.440	0.352	0.286

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	16.83	11.18	8.027	6.067	4.757	3.836	3.162	2.652	2.258	1.946	1.695	1.490	1.320
qlim,U,2 [kN/m2]	29.65	17.97	11.95	8.488	6.324	4.887	3.886	3.163	2.623	2.210	1.887	1.630	1.422
qlim,U,3 [kN/m2]	20.08	13.10	9.278	6.935	5.388	4.312	3.531	2.946	2.496	2.142	1.859	1.629	1.431
qlim,U,4 [kN/m2]	29.01	17.52	11.63	8.252	6.144	4.745	3.772	3.069	2.545	2.144	1.830	1.580	1.378
qlim,S,200 [kN/m2]	129.8	54.75	28.03	16.22	10.22	6.843	4.806	3.504	2.632	2.028	1.595	1.277	1.038
qlim,S,300 [kN/m2]	86.51	36.50	18.69	10.81	6.810	4.562	3.204	2.336	1.755	1.352	1.063	0.851	0.692

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	17.20	12.90	9.568	7.263	5.716	4.623	3.820	3.212	2.740	2.366	2.064	1.817	1.612
qlim,U,2 [kN/m2]	34.72	21.50	14.49	10.38	7.772	6.028	4.806	3.919	3.255	2.745	2.346	2.028	1.770
qlim,U,3 [kN/m2]	22.76	15.63	11.12	8.350	6.510	5.225	4.289	3.585	3.043	2.616	2.273	1.994	1.763
qlim,U,4 [kN/m2]	34.06	21.01	14.13	10.10	7.557	5.857	4.668	3.805	3.159	2.664	2.276	1.967	1.717
qlim,S,200 [kN/m2]	102.2	43.13	22.08	12.78	8.048	5.392	3.787	2.761	2.074	1.598	1.256	1.006	0.818
qlim,S,300 [kN/m2]	68.16	28.76	14.72	8.520	5.365	3.594	2.524	1.840	1.383	1.065	0.838	0.671	0.545

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	12.84	9.630	7.704	6.420	5.267	4.264	3.526	2.967	2.533	2.188	1.910	1.682	1.493
qlim,U,2 [kN/m2]	33.13	20.37	13.67	9.760	7.297	5.653	4.503	3.669	3.046	2.568	2.194	1.896	1.654
qlim,U,3 [kN/m2]	16.99	12.75	10.20	7.699	6.009	4.827	3.965	3.317	2.817	2.423	2.106	1.848	1.635
qlim,U,4 [kN/m2]	32.48	19.90	13.32	9.496	7.093	5.491	4.372	3.561	2.956	2.491	2.128	1.839	1.604
qlim,S,200 [kN/m2]	107.1	45.19	23.14	13.39	8.431	5.648	3.967	2.892	2.173	1.674	1.316	1.054	0.857
qlim,S,300 [kN/m2]	71.41	30.12	15.42	8.926	5.621	3.766	2.645	1.928	1.449	1.116	0.878	0.703	0.571

LTP 100 / 1.25

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	16.94	12.71	10.17	8.472	7.261	5.743	4.538	3.676	3.038	2.552	2.175	1.875	1.634
qlim,U,2 [kN/m2]	39.29	22.10	14.14	9.821	7.216	5.524	4.365	3.536	2.922	2.455	2.092	1.804	1.571
qlim,U,3 [kN/m2]	22.45	16.84	13.47	9.821	7.216	5.524	4.365	3.536	2.922	2.455	2.092	1.804	1.571
qlim,U,4 [kN/m2]	40.84	22.97	14.70	10.21	7.501	5.743	4.538	3.676	3.038	2.552	2.175	1.875	1.634
qlim,S,200 [kN/m2]	60.23	25.41	13.01	7.528	4.741	3.176	2.231	1.626	1.222	0.941	0.740	0.593	0.482
qlim,S,300 [kN/m2]	40.15	16.94	8.673	5.019	3.161	2.117	1.487	1.084	0.814	0.627	0.493	0.395	0.321

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	19.87	13.13	9.389	7.073	5.531	4.450	3.661	3.066	2.607	2.244	1.952	1.714	1.518
qlim,U,2 [kN/m2]	34.51	20.75	13.74	9.734	7.239	5.588	4.440	3.611	2.993	2.521	2.152	1.858	1.621
qlim,U,3 [kN/m2]	23.69	15.39	10.86	8.091	6.273	5.010	4.096	3.412	2.888	2.476	2.147	1.871	1.630
qlim,U,4 [kN/m2]	33.55	20.10	13.28	9.395	6.982	5.386	4.278	3.478	2.883	2.427	2.072	1.789	1.560
qlim,S,200 [kN/m2]	144.8	61.08	31.27	18.10	11.40	7.635	5.362	3.909	2.937	2.262	1.779	1.425	1.158
qlim,S,300 [kN/m2]	96.52	40.72	20.85	12.06	7.598	5.090	3.575	2.606	1.958	1.508	1.186	0.950	0.772

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	21.18	15.60	11.21	8.482	6.657	5.372	4.430	3.719	3.167	2.731	2.380	2.093	1.855
qlim,U,2 [kN/m2]	40.65	24.95	16.72	11.93	8.916	6.904	5.499	4.480	3.718	3.135	2.678	2.314	2.019
qlim,U,3 [kN/m2]	28.06	18.38	13.04	9.757	7.590	6.079	4.981	4.159	3.525	3.027	2.628	2.303	2.035
qlim,U,4 [kN/m2]	39.65	24.22	16.19	11.53	8.607	6.660	5.301	4.317	3.582	3.019	2.579	2.228	1.944
qlim,S,200 [kN/m2]	114.1	48.12	24.64	14.26	8.979	6.015	4.225	3.080	2.314	1.782	1.402	1.122	0.913
qlim,S,300 [kN/m2]	76.04	32.08	16.43	9.506	5.986	4.010	2.816	2.053	1.543	1.188	0.935	0.748	0.608

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	15.81	11.86	9.488	7.810	6.137	4.957	4.091	3.437	2.929	2.527	2.203	1.938	1.718
qlim,U,2 [kN/m2]	38.71	23.60	15.75	11.21	8.365	6.470	5.149	4.192	3.478	2.931	2.503	2.162	1.887
qlim,U,3 [kN/m2]	20.95	15.71	12.01	9.001	7.009	5.618	4.608	3.849	3.265	2.805	2.436	2.136	1.888
qlim,U,4 [kN/m2]	37.72	22.90	15.24	10.83	8.073	6.240	4.963	4.039	3.350	2.823	2.410	2.082	1.816
qlim,S,200 [kN/m2]	119.5	50.41	25.81	14.94	9.407	6.302	4.426	3.226	2.424	1.867	1.469	1.176	0.956
qlim,S,300 [kN/m2]	79.67	33.61	17.21	9.958	6.271	4.201	2.951	2.151	1.616	1.245	0.979	0.784	0.637

LTP 100 / 1.50

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	24.77	18.57	14.86	12.38	9.255	7.086	5.598	4.535	3.748	3.149	2.683	2.314	2.015
qlim,U,2 [kN/m2]	48.76	27.43	17.55	12.19	8.956	6.857	5.418	4.388	3.627	3.048	2.597	2.239	1.950
qlim,U,3 [kN/m2]	32.61	24.46	17.55	12.19	8.956	6.857	5.418	4.388	3.627	3.048	2.597	2.239	1.950
qlim,U,4 [kN/m2]	50.39	28.34	18.14	12.60	9.255	7.086	5.598	4.535	3.748	3.149	2.683	2.314	2.015
qlim,S,200 [kN/m2]	72.67	30.66	15.70	9.084	5.721	3.832	2.692	1.962	1.474	1.136	0.893	0.715	0.581
qlim,S,300 [kN/m2]	48.45	20.44	10.46	6.056	3.814	2.555	1.794	1.308	0.983	0.757	0.595	0.477	0.388

3-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	26.71	17.48	12.40	9.286	7.225	5.788	4.745	3.962	3.359	2.885	2.505	2.196	1.941
qlim,U,2 [kN/m2]	44.29	26.25	17.25	12.16	9.014	6.943	5.509	4.476	3.707	3.121	2.663	2.298	2.004
qlim,U,3 [kN/m2]	31.39	20.19	14.14	10.48	8.083	6.431	5.240	4.354	3.676	3.142	2.678	2.310	2.012
qlim,U,4 [kN/m2]	43.18	25.52	16.74	11.79	8.738	6.728	5.337	4.335	3.590	3.022	2.578	2.225	1.940
qlim,S,200 [kN/m2]	174.7	73.70	37.73	21.84	13.75	9.212	6.470	4.717	3.544	2.730	2.147	1.719	1.398
qlim,S,300 [kN/m2]	116.5	49.13	25.16	14.56	9.168	6.142	4.313	3.144	2.362	1.820	1.431	1.146	0.932

4-támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	30.96	20.83	14.86	11.17	8.722	7.008	5.759	4.819	4.093	3.521	3.061	2.687	2.377
qlim,U,2 [kN/m2]	52.79	31.84	21.12	14.97	11.14	8.605	6.839	5.563	4.613	3.885	3.317	2.864	2.498
qlim,U,3 [kN/m2]	37.37	24.20	17.03	12.67	9.808	7.824	6.390	5.319	4.498	3.854	3.340	2.885	2.514
qlim,U,4 [kN/m2]	51.58	31.00	20.53	14.53	10.81	8.342	6.628	5.390	4.468	3.763	3.212	2.774	2.419
qlim,S,200 [kN/m2]	137.6	58.07	29.73	17.20	10.83	7.258	5.098	3.716	2.792	2.151	1.691	1.354	1.101
qlim,S,300 [kN/m2]	91.76	38.71	19.82	11.47	7.223	4.839	3.398	2.477	1.861	1.434	1.128	0.903	0.734

5 vagy több támaszú tartó

Támaszköz [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
qlim,U,1 [kN/m2]	23.11	17.34	13.68	10.30	8.049	6.473	5.323	4.457	3.788	3.260	2.836	2.490	2.204
qlim,U,2 [kN/m2]	50.08	30.03	19.86	14.05	10.44	8.055	6.399	5.203	4.312	3.631	3.099	2.676	2.334
qlim,U,3 [kN/m2]	30.43	22.28	15.71	11.70	9.066	7.238	5.916	4.927	4.169	3.574	3.098	2.693	2.347
qlim,U,4 [kN/m2]	48.90	29.22	19.29	13.63	10.13	7.808	6.200	5.040	4.177	3.517	3.001	2.591	2.260
qlim,S,200 [kN/m2]	144.2	60.83	31.15	18.02	11.35	7.604	5.340	3.893	2.925	2.253	1.772	1.419	1.154
qlim,S,300 [kN/m2]	96.13	40.55	20.76	12.02	7.567	5.069	3.560	2.595	1.950	1.502	1.181	0.946	0.769

LTP 135 / 0.75

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	4.666	3.499	2.800	2.333	2.000	1.750	1.555	1.400	1.273	1.120	0.954	0.823	0.717
qlim,U,2 [kN/m2]	13.21	9.906	7.925	5.801	4.262	3.263	2.578	2.088	1.726	1.450	1.236	1.065	0.928
qlim,U,3 [kN/m2]	5.675	4.256	3.405	2.837	2.432	2.128	1.892	1.702	1.548	1.419	1.236	1.065	0.928
qlim,U,4 [kN/m2]	13.21	9.906	6.449	4.479	3.290	2.519	1.990	1.612	1.332	1.120	0.954	0.823	0.717
qlim,S,200 [kN/m2]	38.03	16.04	8.213	4.753	2.993	2.005	1.408	1.027	0.771	0.594	0.467	0.374	0.304
qlim,S,300 [kN/m2]	25.35	10.69	5.476	3.169	1.995	1.337	0.939	0.684	0.514	0.396	0.312	0.249	0.203

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	6.221	4.666	3.733	2.935	2.357	1.939	1.627	1.387	1.197	1.045	0.920	0.817	0.730
qlim,U,2 [kN/m2]	9.101	6.229	4.521	3.416	2.662	2.126	1.733	1.437	1.209	1.031	0.888	0.773	0.679
qlim,U,3 [kN/m2]	7.567	5.248	3.802	2.895	2.285	1.852	1.534	1.292	1.104	0.954	0.833	0.734	0.652
qlim,U,4 [kN/m2]	9.616	6.774	5.050	3.906	3.103	2.519	2.080	1.744	1.481	1.271	1.102	0.964	0.850
qlim,S,200 [kN/m2]	93.13	39.29	20.12	11.64	7.331	4.911	3.449	2.515	1.889	1.455	1.145	0.916	0.745
qlim,S,300 [kN/m2]	62.09	26.19	13.41	7.761	4.887	3.274	2.300	1.676	1.260	0.970	0.763	0.611	0.497

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	5.832	4.374	3.499	2.916	2.500	2.187	1.938	1.656	1.433	1.253	1.105	0.983	0.880
qlim,U,2 [kN/m2]	9.878	6.904	5.109	3.924	3.100	2.504	2.059	1.720	1.456	1.247	1.079	0.943	0.830
qlim,U,3 [kN/m2]	7.094	5.320	4.256	3.452	2.734	2.224	1.846	1.559	1.334	1.156	1.011	0.893	0.794
qlim,U,4 [kN/m2]	10.29	7.366	5.581	4.384	3.532	2.901	2.421	2.048	1.752	1.514	1.320	1.160	1.026
qlim,S,200 [kN/m2]	73.38	30.96	15.85	9.172	5.776	3.870	2.718	1.981	1.489	1.147	0.902	0.722	0.587
qlim,S,300 [kN/m2]	48.92	20.64	10.57	6.115	3.851	2.580	1.812	1.321	0.992	0.764	0.601	0.481	0.391

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	4.355	3.266	2.613	2.177	1.866	1.633	1.452	1.306	1.188	1.089	1.005	0.906	0.812
qlim,U,2 [kN/m2]	9.648	6.702	4.930	3.768	2.963	2.385	1.955	1.630	1.377	1.177	1.017	0.887	0.780
qlim,U,3 [kN/m2]	5.297	3.972	3.178	2.648	2.270	1.986	1.702	1.438	1.232	1.068	0.935	0.825	0.734
qlim,U,4 [kN/m2]	10.09	7.191	5.423	4.239	3.401	2.783	2.315	1.952	1.666	1.437	1.250	1.097	0.969
qlim,S,200 [kN/m2]	76.87	32.43	16.60	9.609	6.051	4.054	2.847	2.076	1.559	1.201	0.945	0.756	0.615
qlim,S,300 [kN/m2]	51.25	21.62	11.07	6.406	4.034	2.703	1.898	1.384	1.040	0.801	0.630	0.504	0.410

LTP 135 / 0.88

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	6.602	4.951	3.961	3.301	2.829	2.476	2.201	1.981	1.735	1.458	1.242	1.071	0.933
qlim,U,2 [kN/m2]	21.35	15.85	10.15	7.046	5.176	3.963	3.131	2.536	2.096	1.761	1.501	1.294	1.127
qlim,U,3 [kN/m2]	8.050	6.037	4.830	4.025	3.450	3.019	2.683	2.415	2.096	1.761	1.501	1.294	1.127
qlim,U,4 [kN/m2]	21.35	13.12	8.399	5.832	4.285	3.281	2.592	2.100	1.735	1.458	1.242	1.071	0.933
qlim,S,200 [kN/m2]	46.08	19.44	9.953	5.760	3.627	2.430	1.707	1.244	0.935	0.720	0.566	0.453	0.369
qlim,S,300 [kN/m2]	30.72	12.96	6.635	3.840	2.418	1.620	1.138	0.829	0.623	0.480	0.378	0.302	0.246

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	8.803	6.602	4.977	3.846	3.073	2.518	2.104	1.787	1.538	1.338	1.176	1.042	0.929
qlim,U,2 [kN/m2]	13.78	9.167	6.496	4.816	3.698	2.920	2.359	1.943	1.626	1.380	1.185	1.028	0.900
qlim,U,3 [kN/m2]	10.60	7.089	5.118	3.886	3.059	2.475	2.046	1.720	1.468	1.268	1.106	0.974	0.864
qlim,U,4 [kN/m2]	14.61	9.964	7.210	5.435	4.226	3.370	2.744	2.273	1.912	1.628	1.403	1.220	1.071
qlim,S,200 [kN/m2]	112.4	47.41	24.27	14.05	8.847	5.926	4.162	3.034	2.280	1.756	1.381	1.106	0.899
qlim,S,300 [kN/m2]	74.92	31.61	16.18	9.365	5.898	3.951	2.775	2.023	1.520	1.171	0.921	0.737	0.599

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	8.252	6.189	4.951	4.126	3.537	3.000	2.514	2.141	1.846	1.610	1.417	1.257	1.124
qlim,U,2 [kN/m2]	15.19	10.35	7.485	5.639	4.383	3.494	2.843	2.355	1.980	1.687	1.453	1.263	1.108
qlim,U,3 [kN/m2]	10.06	7.547	6.037	4.641	3.667	2.976	2.466	2.079	1.777	1.538	1.344	1.185	1.052
qlim,U,4 [kN/m2]	15.88	11.07	8.167	6.259	4.934	3.977	3.267	2.726	2.306	1.973	1.706	1.489	1.310
qlim,S,200 [kN/m2]	88.54	37.35	19.13	11.07	6.970	4.669	3.279	2.391	1.796	1.384	1.088	0.871	0.708
qlim,S,300 [kN/m2]	59.03	24.90	12.75	7.379	4.647	3.113	2.186	1.594	1.197	0.922	0.725	0.581	0.472

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	6.162	4.621	3.697	3.081	2.641	2.311	2.054	1.849	1.680	1.484	1.307	1.160	1.037
qlim,U,2 [kN/m2]	14.77	9.992	7.179	5.381	4.166	3.310	2.687	2.222	1.865	1.586	1.365	1.186	1.040
qlim,U,3 [kN/m2]	7.513	5.635	4.508	3.757	3.220	2.743	2.275	1.919	1.642	1.421	1.243	1.096	0.974
qlim,U,4 [kN/m2]	15.51	10.74	7.876	6.004	4.712	3.786	3.100	2.581	2.179	1.862	1.608	1.401	1.232
qlim,S,200 [kN/m2]	92.76	39.13	20.04	11.60	7.302	4.892	3.436	2.505	1.882	1.449	1.140	0.913	0.742
qlim,S,300 [kN/m2]	61.84	26.09	13.36	7.730	4.868	3.261	2.290	1.670	1.254	0.966	0.760	0.608	0.495

LTP 135 / 1.00

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	8.743	6.557	5.246	4.372	3.747	3.279	2.914	2.571	2.125	1.785	1.521	1.312	1.143
qlim,U,2 [kN/m2]	31.30	18.42	11.79	8.186	6.015	4.605	3.638	2.947	2.436	2.047	1.744	1.504	1.310
qlim,U,3 [kN/m2]	10.58	7.935	6.348	5.290	4.534	3.968	3.527	2.947	2.436	2.047	1.744	1.504	1.310
qlim,U,4 [kN/m2]	28.56	16.07	10.28	7.141	5.246	4.017	3.174	2.571	2.125	1.785	1.521	1.312	1.143
qlim,S,200 [kN/m2]	53.62	22.62	11.58	6.703	4.221	2.828	1.986	1.448	1.088	0.838	0.659	0.528	0.429
qlim,S,300 [kN/m2]	35.75	15.08	7.721	4.468	2.814	1.885	1.324	0.965	0.725	0.559	0.439	0.352	0.286

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	11.66	8.440	6.185	4.755	3.783	3.088	2.572	2.178	1.870	1.623	1.423	1.258	1.121
qlim,U,2 [kN/m2]	18.83	12.21	8.485	6.203	4.713	3.693	2.966	2.432	2.029	1.717	1.471	1.274	1.114
qlim,U,3 [kN/m2]	13.42	8.943	6.438	4.877	3.831	3.094	2.553	2.145	1.828	1.577	1.375	1.209	1.072
qlim,U,4 [kN/m2]	19.89	13.15	9.274	6.852	5.247	4.134	3.335	2.744	2.294	1.945	1.669	1.448	1.267
qlim,S,200 [kN/m2]	129.6	54.67	27.99	16.20	10.20	6.834	4.800	3.499	2.629	2.025	1.593	1.275	1.037
qlim,S,300 [kN/m2]	86.40	36.45	18.66	10.80	6.801	4.556	3.200	2.333	1.753	1.350	1.062	0.850	0.691

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	10.93	8.197	6.557	5.464	4.505	3.689	3.082	2.616	2.250	1.958	1.719	1.523	1.358
qlim,U,2 [kN/m2]	21.06	14.01	9.933	7.366	5.656	4.467	3.609	2.972	2.488	2.111	1.813	1.573	1.377
qlim,U,3 [kN/m2]	13.23	9.919	7.665	5.831	4.598	3.724	3.082	2.595	2.216	1.915	1.672	1.473	1.307
qlim,U,4 [kN/m2]	22.00	14.91	10.73	8.050	6.238	4.961	4.030	3.333	2.799	2.382	2.050	1.782	1.562
qlim,S,200 [kN/m2]	102.1	43.08	22.05	12.76	8.037	5.384	3.782	2.757	2.071	1.595	1.255	1.005	0.817
qlim,S,300 [kN/m2]	68.07	28.72	14.70	8.509	5.358	3.590	2.521	1.838	1.381	1.064	0.837	0.670	0.545

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	8.160	6.120	4.896	4.080	3.497	3.060	2.720	2.410	2.075	1.806	1.587	1.406	1.255
qlim,U,2 [kN/m2]	20.39	13.46	9.479	6.996	5.354	4.217	3.400	2.796	2.338	1.982	1.701	1.475	1.291
qlim,U,3 [kN/m2]	9.875	7.406	5.925	4.937	4.232	3.434	2.844	2.396	2.047	1.770	1.547	1.363	1.210
qlim,U,4 [kN/m2]	21.37	14.37	10.28	7.673	5.923	4.696	3.806	3.142	2.634	2.239	1.925	1.672	1.465
qlim,S,200 [kN/m2]	107.0	45.13	23.10	13.37	8.420	5.641	3.962	2.888	2.170	1.671	1.315	1.053	0.856
qlim,S,300 [kN/m2]	71.31	30.08	15.40	8.914	5.613	3.761	2.641	1.925	1.447	1.114	0.876	0.702	0.570

LTP 135 / 1.13

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	11.49	8.615	6.892	5.744	4.923	4.308	3.786	3.067	2.535	2.130	1.815	1.565	1.363
qlim,U,2 [kN/m ²]	37.63	21.17	13.55	9.408	6.912	5.292	4.181	3.387	2.799	2.352	2.004	1.728	1.505
qlim,U,3 [kN/m ²]	13.68	10.26	8.209	6.841	5.863	5.130	4.181	3.387	2.799	2.352	2.004	1.728	1.505
qlim,U,4 [kN/m ²]	34.08	19.17	12.27	8.519	6.259	4.792	3.786	3.067	2.535	2.130	1.815	1.565	1.363
qlim,S,200 [kN/m ²]	61.54	25.96	13.29	7.693	4.844	3.245	2.279	1.662	1.248	0.962	0.756	0.606	0.492
qlim,S,300 [kN/m ²]	41.03	17.31	8.862	5.128	3.230	2.164	1.520	1.108	0.832	0.641	0.504	0.404	0.328

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	15.32	10.43	7.594	5.808	4.599	3.740	3.105	2.621	2.244	1.944	1.701	1.501	1.334
qlim,U,2 [kN/m ²]	24.77	15.64	10.67	7.703	5.801	4.517	3.611	2.951	2.454	2.073	1.773	1.534	1.339
qlim,U,3 [kN/m ²]	16.65	11.05	7.924	5.985	4.691	3.781	3.115	2.612	2.223	1.916	1.668	1.466	1.299
qlim,U,4 [kN/m ²]	26.03	16.67	11.48	8.340	6.309	4.928	3.949	3.232	2.692	2.276	1.948	1.686	1.473
qlim,S,200 [kN/m ²]	147.9	62.41	31.95	18.49	11.65	7.801	5.479	3.994	3.001	2.312	1.818	1.456	1.183
qlim,S,300 [kN/m ²]	98.62	41.61	21.30	12.33	7.763	5.201	3.653	2.663	2.001	1.541	1.212	0.970	0.789

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	14.36	10.77	8.615	6.910	5.492	4.480	3.730	3.157	2.708	2.350	2.060	1.820	1.621
qlim,U,2 [kN/m ²]	28.17	18.25	12.68	9.263	7.037	5.512	4.427	3.629	3.027	2.561	2.195	1.901	1.662
qlim,U,3 [kN/m ²]	17.10	12.83	9.449	7.167	5.638	4.558	3.765	3.165	2.699	2.329	2.032	1.788	1.586
qlim,U,4 [kN/m ²]	29.35	19.28	13.54	9.967	7.612	5.987	4.823	3.963	3.311	2.806	2.406	2.086	1.825
qlim,S,200 [kN/m ²]	116.6	49.17	25.18	14.57	9.175	6.147	4.317	3.147	2.364	1.821	1.432	1.147	0.932
qlim,S,300 [kN/m ²]	77.70	32.78	16.78	9.713	6.117	4.098	2.878	2.098	1.576	1.214	0.955	0.765	0.622

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	10.72	8.041	6.433	5.361	4.595	4.021	3.436	2.911	2.499	2.170	1.903	1.682	1.499
qlim,U,2 [kN/m ²]	27.13	17.43	12.04	8.762	6.636	5.188	4.160	3.407	2.838	2.400	2.055	1.779	1.555
qlim,U,3 [kN/m ²]	12.77	9.577	7.661	6.385	5.195	4.204	3.475	2.923	2.495	2.155	1.880	1.655	1.469
qlim,U,4 [kN/m ²]	28.34	18.47	12.89	9.447	7.192	5.643	4.538	3.724	3.108	2.631	2.255	1.954	1.709
qlim,S,200 [kN/m ²]	122.1	51.51	26.38	15.26	9.612	6.439	4.522	3.297	2.477	1.908	1.501	1.201	0.977
qlim,S,300 [kN/m ²]	81.40	34.34	17.58	10.18	6.408	4.293	3.015	2.198	1.651	1.272	1.000	0.801	0.651

LTP 135 / 1.25

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	14.45	10.84	8.673	7.227	6.195	5.420	4.355	3.527	2.915	2.450	2.087	1.800	1.568
qlim,U,2 [kN/m2]	41.92	23.58	15.09	10.48	7.700	5.895	4.658	3.773	3.118	2.620	2.233	1.925	1.677
qlim,U,3 [kN/m2]	16.87	12.65	10.12	8.436	7.231	5.895	4.658	3.773	3.118	2.620	2.233	1.925	1.677
qlim,U,4 [kN/m2]	39.19	22.05	14.11	9.798	7.199	5.511	4.355	3.527	2.915	2.450	2.087	1.800	1.568
qlim,S,200 [kN/m2]	68.32	28.82	14.76	8.540	5.378	3.603	2.530	1.845	1.386	1.067	0.840	0.672	0.547
qlim,S,300 [kN/m2]	45.54	19.21	9.838	5.693	3.585	2.402	1.687	1.230	0.924	0.712	0.560	0.448	0.364

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	18.45	12.38	8.965	6.822	5.381	4.360	3.609	3.038	2.595	2.243	1.959	1.726	1.532
qlim,U,2 [kN/m2]	30.39	18.81	12.68	9.074	6.796	5.271	4.203	3.427	2.846	2.400	2.051	1.773	1.547
qlim,U,3 [kN/m2]	19.80	13.09	9.359	7.051	5.514	4.437	3.650	3.057	2.599	2.237	1.947	1.710	1.513
qlim,U,4 [kN/m2]	31.61	19.74	13.37	9.608	7.213	5.604	4.473	3.650	3.034	2.560	2.189	1.892	1.652
qlim,S,200 [kN/m2]	164.2	69.28	35.47	20.53	12.93	8.660	6.082	4.434	3.331	2.566	2.018	1.616	1.314
qlim,S,300 [kN/m2]	109.5	46.19	23.65	13.69	8.618	5.774	4.055	2.956	2.221	1.711	1.345	1.077	0.876

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	18.07	13.55	10.65	8.138	6.442	5.236	4.345	3.668	3.139	2.718	2.377	2.098	1.865
qlim,U,2 [kN/m2]	35.03	22.22	15.21	11.00	8.299	6.468	5.176	4.231	3.521	2.974	2.545	2.202	1.923
qlim,U,3 [kN/m2]	21.09	15.54	11.17	8.455	6.636	5.355	4.417	3.708	3.158	2.723	2.373	2.087	1.850
qlim,U,4 [kN/m2]	36.22	23.20	15.98	11.61	8.783	6.861	5.498	4.500	3.748	3.169	2.713	2.348	2.052
qlim,S,200 [kN/m2]	129.4	54.59	27.95	16.17	10.19	6.823	4.792	3.493	2.625	2.022	1.590	1.273	1.035
qlim,S,300 [kN/m2]	86.26	36.39	18.63	10.78	6.790	4.549	3.195	2.329	1.750	1.348	1.060	0.849	0.690

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m2]	13.49	10.12	8.094	6.745	5.782	4.824	4.007	3.384	2.898	2.511	2.198	1.940	1.726
qlim,U,2 [kN/m2]	33.60	21.15	14.40	10.38	7.809	6.076	4.856	3.966	3.298	2.785	2.382	2.060	1.799
qlim,U,3 [kN/m2]	15.75	11.81	9.448	7.785	6.118	4.942	4.079	3.427	2.920	2.520	2.197	1.933	1.714
qlim,U,4 [kN/m2]	34.80	22.11	15.15	10.96	8.273	6.450	5.162	4.220	3.513	2.968	2.539	2.197	1.919
qlim,S,200 [kN/m2]	135.6	57.19	29.28	16.94	10.67	7.148	5.020	3.660	2.750	2.118	1.666	1.334	1.084
qlim,S,300 [kN/m2]	90.37	38.12	19.52	11.30	7.113	4.765	3.347	2.440	1.833	1.412	1.111	0.889	0.723

LTP 135 / 1.50

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	22.18	16.63	13.31	11.09	9.099	6.967	5.504	4.459	3.685	3.096	2.638	2.275	1.982
qlim,U,2 [kN/m ²]	50.85	28.60	18.30	12.71	9.339	7.150	5.650	4.576	3.782	3.178	2.708	2.335	2.034
qlim,U,3 [kN/m ²]	24.52	18.39	14.71	12.26	9.339	7.150	5.650	4.576	3.782	3.178	2.708	2.335	2.034
qlim,U,4 [kN/m ²]	49.54	27.87	17.83	12.38	9.099	6.967	5.504	4.459	3.685	3.096	2.638	2.275	1.982
qlim,S,200 [kN/m ²]	82.43	34.78	17.81	10.30	6.489	4.347	3.053	2.226	1.672	1.288	1.013	0.811	0.659
qlim,S,300 [kN/m ²]	54.96	23.18	11.87	6.869	4.326	2.898	2.035	1.484	1.115	0.859	0.675	0.541	0.440

3-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	25.50	16.87	12.07	9.099	7.119	5.730	4.716	3.951	3.360	2.893	2.518	2.211	1.958
qlim,U,2 [kN/m ²]	40.30	24.56	16.39	11.66	8.700	6.729	5.354	4.359	3.617	3.048	2.603	2.249	1.962
qlim,U,3 [kN/m ²]	26.74	17.53	12.46	9.338	7.273	5.831	4.783	3.996	3.390	2.912	2.530	2.218	1.961
qlim,U,4 [kN/m ²]	40.99	25.06	16.75	11.93	8.909	6.894	5.488	4.469	3.708	3.126	2.670	2.306	2.012
qlim,S,200 [kN/m ²]	198.2	83.60	42.80	24.77	15.60	10.45	7.339	5.350	4.020	3.096	2.435	1.950	1.585
qlim,S,300 [kN/m ²]	132.1	55.73	28.53	16.51	10.40	6.966	4.893	3.567	2.680	2.064	1.623	1.300	1.057

4-támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	27.72	20.03	14.41	10.91	8.565	6.915	5.705	4.791	4.082	3.520	3.068	2.699	2.392
qlim,U,2 [kN/m ²]	47.00	29.29	19.82	14.23	10.68	8.290	6.615	5.397	4.485	3.784	3.235	2.797	2.441
qlim,U,3 [kN/m ²]	30.64	20.88	14.91	11.23	8.775	7.056	5.802	4.857	4.128	3.552	3.090	2.713	2.401
qlim,U,4 [kN/m ²]	47.70	29.83	20.23	14.54	10.92	8.487	6.776	5.530	4.597	3.879	3.317	2.868	2.504
qlim,S,200 [kN/m ²]	156.1	65.86	33.72	19.52	12.29	8.233	5.782	4.215	3.167	2.439	1.919	1.536	1.249
qlim,S,300 [kN/m ²]	104.1	43.91	22.48	13.01	8.193	5.489	3.855	2.810	2.111	1.626	1.279	1.024	0.833

5 vagy több támaszú tartó

Támaszköz [m]	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0
qlim,U,1 [kN/m ²]	20.70	15.53	12.42	10.04	7.895	6.380	5.268	4.427	3.774	3.257	2.840	2.499	2.216
qlim,U,2 [kN/m ²]	44.90	27.78	18.71	13.39	10.03	7.777	6.200	5.054	4.198	3.540	3.025	2.615	2.282
qlim,U,3 [kN/m ²]	22.88	17.16	13.73	10.35	8.096	6.516	5.362	4.492	3.820	3.289	2.862	2.514	2.226
qlim,U,4 [kN/m ²]	45.61	28.31	19.11	13.69	10.26	7.964	6.352	5.180	4.303	3.630	3.102	2.682	2.341
qlim,S,200 [kN/m ²]	163.6	69.00	35.33	20.44	12.87	8.625	6.058	4.416	3.318	2.556	2.010	1.609	1.308
qlim,S,300 [kN/m ²]	109.0	46.00	23.55	13.63	8.583	5.750	4.038	2.944	2.212	1.704	1.340	1.073	0.872

LTP 150 / 0.75

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	3.861	3.089	2.574	2.206	1.931	1.716	1.544	1.404	1.287	1.188	1.103	0.973	0.855
qlim,U,2 [kN/m2]	10.37	8.295	6.913	5.090	3.897	3.079	2.494	2.061	1.732	1.476	1.272	1.108	0.974
qlim,U,3 [kN/m2]	4.581	3.665	3.054	2.618	2.291	2.036	1.833	1.666	1.527	1.410	1.272	1.108	0.974
qlim,U,4 [kN/m2]	10.37	8.295	6.079	4.466	3.419	2.702	2.188	1.808	1.520	1.295	1.116	0.973	0.855
qlim,S,200 [kN/m2]	21.03	10.77	6.230	3.923	2.628	1.846	1.346	1.011	0.779	0.612	0.490	0.399	0.329
qlim,S,300 [kN/m2]	14.02	7.177	4.153	2.615	1.752	1.231	0.897	0.674	0.519	0.408	0.327	0.266	0.219

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	5.148	4.119	3.341	2.691	2.220	1.867	1.595	1.379	1.205	1.063	0.946	0.847	0.763
qlim,U,2 [kN/m2]	7.092	5.288	4.091	3.250	2.638	2.179	1.827	1.551	1.332	1.155	1.010	0.890	0.790
qlim,U,3 [kN/m2]	6.108	4.535	3.490	2.779	2.270	1.892	1.603	1.377	1.196	1.049	0.928	0.827	0.741
qlim,U,4 [kN/m2]	7.323	5.525	4.322	3.469	2.840	2.363	1.994	1.702	1.468	1.278	1.121	0.991	0.882
qlim,S,200 [kN/m2]	51.09	26.16	15.14	9.533	6.387	4.486	3.270	2.457	1.892	1.488	1.192	0.969	0.798
qlim,S,300 [kN/m2]	34.06	17.44	10.09	6.356	4.258	2.990	2.180	1.638	1.262	0.992	0.794	0.646	0.532

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	4.826	3.861	3.218	2.758	2.413	2.145	1.900	1.647	1.443	1.275	1.136	1.019	0.919
qlim,U,2 [kN/m2]	7.712	5.844	4.590	3.698	3.038	2.536	2.145	1.835	1.586	1.383	1.215	1.075	0.958
qlim,U,3 [kN/m2]	5.727	4.581	3.818	3.272	2.710	2.266	1.924	1.656	1.441	1.266	1.122	1.001	0.899
qlim,U,4 [kN/m2]	7.899	6.046	4.796	3.901	3.232	2.718	2.315	1.992	1.731	1.516	1.337	1.187	1.061
qlim,S,200 [kN/m2]	40.26	20.61	11.93	7.511	5.032	3.534	2.576	1.936	1.491	1.173	0.939	0.763	0.629
qlim,S,300 [kN/m2]	26.84	13.74	7.952	5.007	3.355	2.356	1.718	1.290	0.994	0.782	0.626	0.509	0.419

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	3.604	2.883	2.402	2.059	1.802	1.602	1.441	1.310	1.201	1.109	1.030	0.939	0.847
qlim,U,2 [kN/m2]	7.529	5.678	4.439	3.561	2.915	2.425	2.045	1.745	1.505	1.310	1.149	1.016	0.904
qlim,U,3 [kN/m2]	4.276	3.421	2.851	2.443	2.138	1.900	1.710	1.527	1.329	1.169	1.036	0.925	0.831
qlim,U,4 [kN/m2]	7.729	5.891	4.654	3.770	3.112	2.609	2.215	1.901	1.648	1.440	1.268	1.124	1.003
qlim,S,200 [kN/m2]	42.17	21.59	12.50	7.869	5.272	3.702	2.699	2.028	1.562	1.229	0.984	0.800	0.659
qlim,S,300 [kN/m2]	28.11	14.39	8.330	5.246	3.514	2.468	1.799	1.352	1.041	0.819	0.656	0.533	0.439

LTP 150 / 0.88

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m ²]	5.512	4.409	3.674	3.149	2.756	2.450	2.205	2.004	1.837	1.654	1.426	1.242	1.092
qlim,U,2 [kN/m ²]	16.75	12.13	8.423	6.188	4.738	3.744	3.032	2.506	2.106	1.794	1.547	1.348	1.184
qlim,U,3 [kN/m ²]	6.536	5.229	4.357	3.735	3.268	2.905	2.614	2.377	2.106	1.794	1.547	1.348	1.184
qlim,U,4 [kN/m ²]	16.75	11.18	7.762	5.703	4.366	3.450	2.794	2.309	1.941	1.654	1.426	1.242	1.092
qlim,S,200 [kN/m ²]	25.68	13.15	7.608	4.791	3.209	2.254	1.643	1.235	0.951	0.748	0.599	0.487	0.401
qlim,S,300 [kN/m ²]	17.12	8.764	5.072	3.194	2.140	1.503	1.095	0.823	0.634	0.499	0.399	0.325	0.267

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m ²]	7.349	5.694	4.413	3.536	2.904	2.432	2.070	1.784	1.555	1.368	1.213	1.084	0.974
qlim,U,2 [kN/m ²]	10.63	7.737	5.859	4.574	3.658	2.985	2.478	2.087	1.780	1.535	1.336	1.173	1.038
qlim,U,3 [kN/m ²]	8.348	6.096	4.672	3.707	3.019	2.510	2.122	1.819	1.577	1.381	1.219	1.085	0.972
qlim,U,4 [kN/m ²]	10.94	8.032	6.128	4.813	3.868	3.169	2.639	2.229	1.905	1.645	1.434	1.261	1.117
qlim,S,200 [kN/m ²]	62.07	31.78	18.39	11.58	7.759	5.450	3.973	2.985	2.299	1.808	1.448	1.177	0.970
qlim,S,300 [kN/m ²]	41.38	21.19	12.26	7.722	5.173	3.633	2.648	1.990	1.533	1.205	0.965	0.785	0.647

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m ²]	6.889	5.512	4.593	3.937	3.445	2.901	2.475	2.138	1.867	1.646	1.462	1.308	1.178
qlim,U,2 [kN/m ²]	11.76	8.723	6.716	5.315	4.299	3.541	2.961	2.509	2.151	1.862	1.627	1.433	1.271
qlim,U,3 [kN/m ²]	8.170	6.536	5.447	4.422	3.613	3.012	2.552	2.192	1.904	1.670	1.478	1.317	1.181
qlim,U,4 [kN/m ²]	12.03	8.991	6.972	5.553	4.516	3.736	3.136	2.666	2.291	1.988	1.740	1.535	1.363
qlim,S,200 [kN/m ²]	48.91	25.04	14.49	9.125	6.113	4.294	3.130	2.352	1.811	1.425	1.141	0.927	0.764
qlim,S,300 [kN/m ²]	32.60	16.69	9.661	6.084	4.076	2.862	2.087	1.568	1.208	0.950	0.760	0.618	0.509

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m ²]	5.144	4.115	3.429	2.939	2.572	2.286	2.058	1.871	1.715	1.517	1.349	1.207	1.087
qlim,U,2 [kN/m ²]	11.42	8.424	6.452	5.084	4.098	3.365	2.807	2.374	2.031	1.756	1.532	1.348	1.195
qlim,U,3 [kN/m ²]	6.100	4.880	4.067	3.486	3.050	2.711	2.353	2.022	1.758	1.543	1.365	1.217	1.092
qlim,U,4 [kN/m ²]	11.70	8.702	6.714	5.324	4.313	3.557	2.978	2.526	2.167	1.877	1.641	1.446	1.283
qlim,S,200 [kN/m ²]	51.24	26.23	15.18	9.560	6.404	4.498	3.279	2.464	1.898	1.493	1.195	0.972	0.801
qlim,S,300 [kN/m ²]	34.16	17.49	10.12	6.373	4.270	2.999	2.186	1.642	1.265	0.995	0.797	0.648	0.534

LTP 150 / 1.00

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	7.356	5.884	4.904	4.203	3.678	3.269	2.942	2.675	2.324	1.981	1.708	1.488	1.307
qlim,U,2 [kN/m2]	22.06	14.12	9.803	7.202	5.514	4.357	3.529	2.917	2.451	2.088	1.801	1.569	1.379
qlim,U,3 [kN/m2]	8.624	6.900	5.750	4.928	4.312	3.833	3.450	2.917	2.451	2.088	1.801	1.569	1.379
qlim,U,4 [kN/m2]	20.92	13.39	9.298	6.831	5.230	4.132	3.347	2.766	2.324	1.981	1.708	1.488	1.307
qlim,S,200 [kN/m2]	30.03	15.37	8.897	5.603	3.753	2.636	1.922	1.444	1.112	0.875	0.700	0.569	0.469
qlim,S,300 [kN/m2]	20.02	10.25	5.931	3.735	2.502	1.757	1.281	0.963	0.741	0.583	0.467	0.380	0.313

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	9.692	7.127	5.495	4.383	3.586	2.993	2.538	2.182	1.897	1.665	1.474	1.314	1.179
qlim,U,2 [kN/m2]	14.31	10.19	7.579	5.834	4.616	3.735	3.079	2.579	2.190	1.882	1.634	1.431	1.263
qlim,U,3 [kN/m2]	10.49	7.629	5.826	4.609	3.744	3.106	2.620	2.242	1.940	1.697	1.497	1.330	1.190
qlim,U,4 [kN/m2]	14.66	10.50	7.846	6.061	4.807	3.898	3.219	2.700	2.295	1.974	1.714	1.503	1.327
qlim,S,200 [kN/m2]	72.34	37.04	21.43	13.50	9.042	6.351	4.630	3.478	2.679	2.107	1.687	1.372	1.130
qlim,S,300 [kN/m2]	48.22	24.69	14.29	8.998	6.028	4.234	3.086	2.319	1.786	1.405	1.125	0.914	0.754

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	9.194	7.356	6.130	5.211	4.277	3.579	3.044	2.622	2.284	2.009	1.781	1.590	1.429
qlim,U,2 [kN/m2]	16.11	11.70	8.844	6.894	5.508	4.491	3.725	3.135	2.673	2.304	2.005	1.760	1.557
qlim,U,3 [kN/m2]	10.78	8.624	6.937	5.508	4.488	3.733	3.157	2.707	2.347	2.056	1.816	1.617	1.449
qlim,U,4 [kN/m2]	16.42	12.00	9.113	7.132	5.715	4.672	3.883	3.273	2.794	2.411	2.100	1.845	1.633
qlim,S,200 [kN/m2]	56.99	29.18	16.89	10.63	7.124	5.003	3.648	2.740	2.111	1.660	1.329	1.081	0.891
qlim,S,300 [kN/m2]	38.00	19.45	11.26	7.090	4.749	3.336	2.432	1.827	1.407	1.107	0.886	0.721	0.594

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	6.865	5.492	4.577	3.923	3.433	3.051	2.746	2.416	2.106	1.853	1.644	1.469	1.320
qlim,U,2 [kN/m2]	15.56	11.23	8.449	6.559	5.223	4.248	3.516	2.955	2.516	2.166	1.883	1.652	1.460
qlim,U,3 [kN/m2]	8.049	6.440	5.366	4.600	4.025	3.440	2.912	2.498	2.168	1.900	1.679	1.495	1.340
qlim,U,4 [kN/m2]	15.89	11.54	8.719	6.794	5.427	4.424	3.669	3.088	2.632	2.268	1.974	1.733	1.533
qlim,S,200 [kN/m2]	59.71	30.57	17.69	11.14	7.463	5.242	3.821	2.871	2.211	1.739	1.393	1.132	0.933
qlim,S,300 [kN/m2]	39.80	20.38	11.79	7.427	4.976	3.495	2.547	1.914	1.474	1.160	0.928	0.755	0.622

LTP 150 / 1.13

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	9.743	7.794	6.495	5.567	4.872	4.330	3.897	3.265	2.743	2.338	2.016	1.756	1.543
qlim,U,2 [kN/m2]	25.44	16.28	11.30	8.305	6.359	5.024	4.070	3.363	2.826	2.408	2.076	1.809	1.590
qlim,U,3 [kN/m2]	11.19	8.951	7.459	6.394	5.595	4.973	4.070	3.363	2.826	2.408	2.076	1.809	1.590
qlim,U,4 [kN/m2]	24.69	15.80	10.97	8.062	6.173	4.877	3.951	3.265	2.743	2.338	2.016	1.756	1.543
qlim,S,200 [kN/m2]	34.39	17.61	10.19	6.417	4.299	3.019	2.201	1.654	1.274	1.002	0.802	0.652	0.537
qlim,S,300 [kN/m2]	22.93	11.74	6.793	4.278	2.866	2.013	1.467	1.102	0.849	0.668	0.535	0.435	0.358

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	12.07	8.821	6.764	5.370	4.375	3.639	3.077	2.638	2.287	2.003	1.770	1.575	1.411
qlim,U,2 [kN/m2]	18.59	12.95	9.481	7.213	5.656	4.546	3.729	3.112	2.634	2.257	1.956	1.710	1.508
qlim,U,3 [kN/m2]	12.96	9.385	7.142	5.633	4.565	3.778	3.181	2.717	2.348	2.051	1.807	1.604	1.434
qlim,U,4 [kN/m2]	18.90	13.21	9.692	7.385	5.798	4.665	3.829	3.196	2.707	2.321	2.011	1.759	1.551
qlim,S,200 [kN/m2]	82.67	42.33	24.49	15.42	10.33	7.257	5.291	3.975	3.062	2.408	1.928	1.568	1.292
qlim,S,300 [kN/m2]	55.11	28.22	16.33	10.28	6.889	4.838	3.527	2.650	2.041	1.605	1.285	1.045	0.861

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	12.18	9.743	8.037	6.403	5.234	4.365	3.700	3.178	2.762	2.423	2.144	1.911	1.714
qlim,U,2 [kN/m2]	21.30	15.13	11.24	8.644	6.833	5.526	4.554	3.813	3.237	2.781	2.413	2.114	1.866
qlim,U,3 [kN/m2]	13.99	11.15	8.520	6.744	5.482	4.550	3.840	3.286	2.846	2.489	2.196	1.953	1.748
qlim,U,4 [kN/m2]	21.60	15.39	11.47	8.834	6.993	5.661	4.670	3.913	3.324	2.856	2.480	2.173	1.918
qlim,S,200 [kN/m2]	65.13	33.35	19.30	12.15	8.141	5.718	4.168	3.132	2.412	1.897	1.519	1.235	1.018
qlim,S,300 [kN/m2]	43.42	22.23	12.87	8.102	5.428	3.812	2.779	2.088	1.608	1.265	1.013	0.823	0.678

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	9.094	7.275	6.062	5.196	4.547	4.020	3.410	2.931	2.549	2.237	1.980	1.766	1.585
qlim,U,2 [kN/m2]	20.46	14.45	10.68	8.186	6.453	5.208	4.285	3.584	3.039	2.609	2.263	1.981	1.748
qlim,U,3 [kN/m2]	10.44	8.355	6.962	5.968	5.050	4.195	3.543	3.035	2.629	2.301	2.031	1.807	1.618
qlim,U,4 [kN/m2]	20.77	14.71	10.90	8.371	6.608	5.338	4.396	3.679	3.122	2.680	2.326	2.036	1.797
qlim,S,200 [kN/m2]	68.23	34.94	20.22	12.73	8.529	5.990	4.367	3.281	2.527	1.988	1.591	1.294	1.066
qlim,S,300 [kN/m2]	45.49	23.29	13.48	8.488	5.686	3.994	2.911	2.187	1.685	1.325	1.061	0.863	0.711

LTP 150 / 1.25

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	12.35	9.881	8.234	7.058	6.175	5.489	4.508	3.726	3.131	2.668	2.300	2.004	1.761
qlim,U,2 [kN/m2]	28.58	18.29	12.70	9.334	7.146	5.646	4.574	3.780	3.176	2.706	2.333	2.033	1.787
qlim,U,3 [kN/m2]	13.83	11.07	9.221	7.904	6.916	5.646	4.574	3.780	3.176	2.706	2.333	2.033	1.787
qlim,U,4 [kN/m2]	28.18	18.03	12.52	9.201	7.044	5.566	4.508	3.726	3.131	2.668	2.300	2.004	1.761
qlim,S,200 [kN/m2]	38.18	19.55	11.31	7.123	4.772	3.352	2.443	1.836	1.414	1.112	0.890	0.724	0.596
qlim,S,300 [kN/m2]	25.45	13.03	7.541	4.749	3.181	2.234	1.629	1.224	0.943	0.741	0.594	0.483	0.398

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	14.47	10.51	8.024	6.343	5.150	4.270	3.601	3.080	2.665	2.330	2.055	1.826	1.633
qlim,U,2 [kN/m2]	22.66	15.52	11.23	8.476	6.608	5.288	4.323	3.598	3.040	2.601	2.251	1.966	1.732
qlim,U,3 [kN/m2]	15.36	11.08	8.408	6.615	5.348	4.419	3.715	3.168	2.735	2.386	2.100	1.863	1.664
qlim,U,4 [kN/m2]	22.87	15.69	11.36	8.580	6.691	5.357	4.381	3.647	3.081	2.637	2.282	1.993	1.756
qlim,S,200 [kN/m2]	91.77	46.99	27.19	17.12	11.47	8.056	5.873	4.413	3.399	2.673	2.140	1.740	1.434
qlim,S,300 [kN/m2]	61.18	31.32	18.13	11.42	7.647	5.371	3.915	2.942	2.266	1.782	1.427	1.160	0.956

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	15.44	12.35	9.557	7.583	6.176	5.135	4.341	3.720	3.226	2.824	2.495	2.220	1.988
qlim,U,2 [kN/m2]	26.35	18.38	13.48	10.26	8.050	6.473	5.311	4.433	3.753	3.217	2.787	2.437	2.149
qlim,U,3 [kN/m2]	17.29	13.18	10.04	7.931	6.433	5.329	4.490	3.837	3.319	2.900	2.556	2.270	2.030
qlim,U,4 [kN/m2]	26.56	18.56	13.62	10.38	8.146	6.553	5.379	4.491	3.803	3.260	2.825	2.471	2.179
qlim,S,200 [kN/m2]	72.30	37.02	21.42	13.49	9.038	6.348	4.627	3.477	2.678	2.106	1.686	1.371	1.130
qlim,S,300 [kN/m2]	48.20	24.68	14.28	8.994	6.025	4.232	3.085	2.318	1.785	1.404	1.124	0.914	0.753

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	11.53	9.222	7.685	6.587	5.688	4.733	4.004	3.434	2.979	2.610	2.306	2.053	1.840
qlim,U,2 [kN/m2]	25.20	17.48	12.76	9.682	7.581	6.086	4.987	4.158	3.518	3.014	2.610	2.281	2.011
qlim,U,3 [kN/m2]	12.91	10.33	8.607	7.303	5.929	4.916	4.145	3.545	3.068	2.682	2.365	2.101	1.880
qlim,U,4 [kN/m2]	25.41	17.65	12.90	9.796	7.673	6.163	5.052	4.213	3.565	3.055	2.646	2.313	2.039
qlim,S,200 [kN/m2]	75.75	38.78	22.44	14.13	9.468	6.650	4.848	3.642	2.805	2.207	1.767	1.436	1.184
qlim,S,300 [kN/m2]	50.50	25.85	14.96	9.422	6.312	4.433	3.232	2.428	1.870	1.471	1.178	0.958	0.789

LTP 150 / 1.50

Támaszszélesség: 100 mm

2-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	19.24	15.39	12.83	10.99	8.766	6.926	5.610	4.636	3.896	3.320	2.862	2.493	2.191
qlim,U,2 [kN/m2]	34.99	22.39	15.55	11.42	8.747	6.911	5.598	4.627	3.888	3.313	2.856	2.488	2.187
qlim,U,3 [kN/m2]	20.18	16.14	13.45	11.42	8.747	6.911	5.598	4.627	3.888	3.313	2.856	2.488	2.187
qlim,U,4 [kN/m2]	35.06	22.44	15.58	11.45	8.766	6.926	5.610	4.636	3.896	3.320	2.862	2.493	2.191
qlim,S,200 [kN/m2]	46.06	23.58	13.65	8.595	5.758	4.044	2.948	2.215	1.706	1.342	1.074	0.874	0.720
qlim,S,300 [kN/m2]	30.71	15.72	9.099	5.730	3.839	2.696	1.965	1.477	1.137	0.895	0.716	0.582	0.480

3-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	20.02	14.37	10.86	8.517	6.868	5.660	4.748	4.042	3.484	3.035	2.668	2.364	2.109
qlim,U,2 [kN/m2]	30.14	20.27	14.49	10.84	8.403	6.697	5.458	4.532	3.822	3.265	2.822	2.463	2.168
qlim,U,3 [kN/m2]	20.56	14.72	11.10	8.692	6.998	5.761	4.828	4.106	3.536	3.078	2.704	2.394	2.135
qlim,U,4 [kN/m2]	30.10	20.23	14.46	10.82	8.386	6.683	5.447	4.523	3.814	3.259	2.816	2.458	2.163
qlim,S,200 [kN/m2]	110.7	56.69	32.81	20.66	13.84	9.721	7.087	5.324	4.101	3.226	2.583	2.100	1.730
qlim,S,300 [kN/m2]	73.82	37.80	21.87	13.77	9.227	6.481	4.724	3.550	2.734	2.150	1.722	1.400	1.153

4-támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	23.74	17.13	13.00	10.23	8.277	6.839	5.751	4.905	4.235	3.695	3.252	2.885	2.577
qlim,U,2 [kN/m2]	35.69	24.37	17.59	13.25	10.32	8.253	6.744	5.610	4.738	4.053	3.506	3.062	2.697
qlim,U,3 [kN/m2]	24.41	17.57	13.31	10.45	8.442	6.968	5.852	4.987	4.302	3.750	3.299	2.925	2.612
qlim,U,4 [kN/m2]	35.64	24.33	17.56	13.23	10.30	8.237	6.730	5.599	4.728	4.045	3.499	3.056	2.691
qlim,S,200 [kN/m2]	87.24	44.67	25.85	16.28	10.91	7.659	5.583	4.195	3.231	2.541	2.035	1.654	1.363
qlim,S,300 [kN/m2]	58.16	29.78	17.23	10.85	7.270	5.106	3.722	2.797	2.154	1.694	1.357	1.103	0.909

5 vagy több támaszú tartó

Támaszköz [m]	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
qlim,U,1 [kN/m2]	17.96	14.36	11.97	9.430	7.634	6.313	5.312	4.534	3.917	3.419	3.011	2.672	2.388
qlim,U,2 [kN/m2]	33.93	23.05	16.59	12.47	9.692	7.741	6.320	5.254	4.435	3.792	3.279	2.863	2.521
qlim,U,3 [kN/m2]	18.83	15.06	12.25	9.636	7.789	6.434	5.408	4.611	3.980	3.471	3.055	2.710	2.420
qlim,U,4 [kN/m2]	33.88	23.01	16.56	12.44	9.674	7.726	6.307	5.243	4.426	3.785	3.272	2.857	2.516
qlim,S,200 [kN/m2]	91.40	46.79	27.08	17.05	11.42	8.024	5.849	4.395	3.385	2.662	2.132	1.733	1.428
qlim,S,300 [kN/m2]	60.93	31.20	18.05	11.37	7.616	5.349	3.900	2.930	2.257	1.775	1.421	1.155	0.952