

Bending reinforcement in the y-direction:

Column Stripe:

stripe	location	m_{Ed} [kNm/m]	type of rein	d [mm]	z [mm]	$\rho_{s,rqd}$ [mm ²]	$\rho_{s,min}$ [mm ²]	$\rho_{s,prov}$ [mm ²]	ϕ [mm]	s [mm]	x [mm]	z_r [mm]	m_{Rd} [kNm/m]	$m_{Rd} > m_{Ed}$	ξ [-]	$\xi < 0,45$	s < 250 mm	$m_{Rd}-m_{Ed}$
Y1	left support	11	upper	216	194,4	130	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	19,95
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	95,3	upper	197	177,3	1236	297	1539	14	100	41,84	180,26	120,68	OK	0,212	OK	OK	25,38
Y2	left support	114,5	upper	197	177,3	1485	297	1539	14	100	41,84	180,26	120,68	OK	0,212	OK	OK	6,18
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	104,9	upper	197	177,3	1360	297	1400	14	110	38,06	181,78	110,70	OK	0,193	OK	OK	5,80
Y3	left support	100	upper	197	177,3	1297	297	1400	14	110	38,06	181,78	110,70	OK	0,193	OK	OK	10,70
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	83	upper	197	177,3	1076	297	1232	14	125	33,50	183,60	98,40	OK	0,170	OK	OK	15,40
Y4	left support	92	upper	197	177,3	1193	297	1232	14	125	33,50	183,60	98,40	OK	0,170	OK	OK	6,40
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	120,8	upper	197	177,3	1566	297	1620	14	95	44,04	179,38	126,41	OK	0,224	OK	OK	5,61
Y5	left support	120,8	upper	197	177,3	1566	297	1620	14	95	44,04	179,38	126,41	OK	0,224	OK	OK	5,61
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	14,3	upper	208	187,2	176	314	335	8	150	9,11	204,36	29,78	OK	0,044	OK	OK	15,48

Middle Stripe:

stripe	location	m_{Ed} [kNm/m]	type of rein	d [mm]	z [mm]	$\rho_{s,rqd}$ [mm ²]	$\rho_{s,min}$ [mm ²]	$\rho_{s,prov}$ [mm ²]	ϕ [mm]	s [mm]	x [mm]	z_r [mm]	m_{Rd} [kNm/m]	$m_{Rd} > m_{Ed}$	ξ [-]	$\xi < 0,45$	s < 250 mm	$m_{Rd}-m_{Ed}$
Y1	left support	7	upper	208	187,2	86	314	335	8	150	9,11	204,36	29,78	OK	0,044	OK	OK	22,78
	middle	25,43	lower	216	194,4	301	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	5,52
	right support	16,5	upper	200	180	211	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	10,35
Y2	left support	16,2	upper	200	180	207	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	10,65
	middle	25,43	lower	206	185,4	315	311	335	8	150	9,11	202,36	29,49	OK	0,044	OK	OK	4,06
	right support	15,6	upper	200	180	199	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	11,25
Y3	left support	18,6	upper	200	180	238	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	8,25
	middle	18,6	lower	200	180	238	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	8,25
	right support	18,6	upper	200	180	238	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	8,25
Y4	left support	15,6	upper	200	180	199	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	11,25
	middle	25,43	lower	206	185,4	315	311	335	8	150	9,11	202,36	29,49	OK	0,044	OK	OK	4,06
	right support	17,1	upper	200	180	218	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	9,75
Y5	left support	17,1	upper	200	180	218	302	314	8	160	8,54	196,59	26,85	OK	0,043	OK	OK	9,75
	middle	25,43	lower	206	185,4	315	311	335	8	150	9,11	202,36	29,49	OK	0,044	OK	OK	4,06
	right support	10,8	upper	216	194,4	128	326	335	8	150	9,11	212,36	30,95	OK	0,042	OK	OK	20,15