

Elemento	Pos.	Diam. q	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1=V 3=V 5=V 7	1	Ø 10	4	25	412	25	462	1848	11.4
	2	Ø 5	18	5	84	5	94	1692	11.4
	TotalH=10%; (H4): 50.0								12.5
V 2=V 4=V 6=V 8	1	Ø 10	4	25	412	25	462	1848	11.4
	2	Ø 5	18	5	84	5	94	1692	11.4
	TotalH=10%; (H4): 50.0								12.5
V 9=V 10=V 11=V 12 V 13=V 14=V 15 V 16	1	Ø 10	4	25	394	25	444	1776	10.9
	2	Ø 5	18	5	84	5	94	1692	10.9
	TotalH=10%; (H4): 50.0								12.5
V 17=V 20=V 21 V 24=V 25=V 28 V 29=V 32	1	Ø 10	4	25	425		450	1800	11.1
	2	Ø 10	4	25	420		445	1780	11.0
	3	Ø 12.5	1	180			180	180	1.7
V 18=V 19=V 22 V 23	1	Ø 10	2	35	814	25	864	3428	18.6
	2	Ø 12.5	3	25	814	25	864	2592	18.6
	3	Ø 10	4	14.4	185.6		200	800	4.9
V 26=V 27=V 30 V 31	4	Ø 12.5	3	600			600	1800	17.3
	5	Ø 5	12	6.5	814	6.5	827	9824	15.6
	6	Ø 5	39	5	144	5	154	6006	9.4
TotalH=10%; (H4): 254.4								27.5	
V 28=V 29=V 30 V 31	1	Ø 10	2	35	814	25	864	3428	18.6
	2	Ø 12.5	3	25	814	25	864	2592	18.6
	3	Ø 10	4	14.4	185.6		200	800	4.9
	4	Ø 12.5	3	585			585	1695	16.3
	5	Ø 5	12	6.5	814	6.5	827	9824	15.6
	6	Ø 5	39	5	144	5	154	6006	9.4
TotalH=10%; (H4): 250.0								28.0	
								110.0	