

Zed or Cee Section Brick Restraint

Span	Section	Weight (kg/m)	Allowable Total Working Loads in kN					
			Single Span Case		Double Span Case		Three Span Case	
			Capacity	Span/300	Capacity	Span/300	Capacity	Span/300
3.5	140/14	3.06	8.78	5.11	8.20	12.30	10.11	9.13
	140/16	3.48	10.45	5.80	9.99	13.96	12.38	10.36
	170/16	3.86	13.00	9.14	11.79	21.99	14.48	16.32
	170/18	4.33	15.09	10.22	14.12	24.58	17.42	18.24
4.0	140/14	3.06	7.68	3.92	7.28	9.42	9.01	6.99
	140/16	3.48	9.14	4.44	8.83	10.69	10.96	7.93
	170/16	3.86	11.37	7.00	10.54	16.83	12.98	12.50
	170/18	4.33	13.20	7.82	12.54	18.82	15.51	13.97
	170/20	4.79	15.02	8.64	14.49	20.77	17.98	15.42
	200/20	5.58	19.74	13.98	18.18	33.64	22.37	24.97
4.5	140/16	3.48	8.12	3.51	7.90	8.44	9.83	6.27
	170/16	3.86	10.11	5.53	9.51	13.30	11.75	9.87
	170/18	4.33	11.74	6.18	11.26	14.87	13.96	11.04
	170/20	4.79	13.35	6.82	12.97	16.41	16.12	12.18
	200/20	5.58	17.54	11.05	16.42	26.58	20.26	19.73
	240/20	6.39	22.24	17.81	19.29	42.83	23.51	31.79
5.0	170/16	3.86	9.10	4.48	8.65	10.77	10.71	8.00
	170/18	4.33	10.56	5.01	10.21	12.04	12.68	8.94
	170/20	4.79	12.01	5.53	11.74	13.29	14.60	9.87
	200/20	5.58	15.79	8.95	14.96	21.53	18.50	15.98
	240/20	6.39	20.02	14.42	17.78	34.69	21.75	25.75
5.5	170/18	4.33	9.60	4.14	9.34	9.95	11.61	7.39
	170/20	4.79	10.92	4.57	10.71	10.99	13.34	8.15
	200/20	5.58	14.35	7.40	13.72	17.79	16.99	13.21
	200/25	6.92	18.86	9.12	18.48	21.93	23.00	16.28
	240/20	6.39	18.20	11.92	16.47	28.67	20.21	21.28
	240/25	7.94	24.20	14.72	23.06	35.40	28.55	26.28
6.0	170/25	5.94	12.98	4.72	12.87	11.35	16.06	8.43
	200/18	5.03	11.48	5.63	10.87	13.53	13.45	10.04
	200/20	5.58	13.16	6.22	12.66	14.95	15.71	11.10
	240/20	6.39	16.68	10.02	15.32	24.09	18.84	17.88
	240/25	7.94	22.18	12.37	21.29	29.74	26.40	22.08
	240/30	9.47	27.63	14.66	27.05	35.25	33.66	26.17
6.5	170/25	5.94	11.98	4.02	11.89	9.67	14.85	7.18
	200/20	5.58	12.15	5.30	11.75	12.74	14.59	9.46
	240/20	6.39	15.40	8.53	14.31	20.53	17.63	15.24
	240/25	7.94	20.47	10.54	19.77	25.34	24.54	18.81
	240/30	9.47	25.51	12.49	25.04	30.04	31.19	22.30
7.0	200/20	5.58	11.28	4.57	10.96	10.98	13.62	8.15
	240/20	6.39	14.30	7.36	13.41	17.70	16.56	13.14
	240/25	7.94	19.01	9.09	18.44	21.85	22.91	16.22
	240/30	9.47	23.69	10.77	23.31	25.90	29.05	19.22
	300/25	10.02	28.15	18.14	25.53	43.64	31.33	32.39
	300/30	11.97	35.66	21.56	33.76	51.86	41.75	38.49
7.5	200/20	5.58	10.53	3.98	10.27	9.57	12.77	7.10
	240/20	6.39	13.34	6.41	12.62	15.42	15.60	11.44
	240/25	7.94	17.74	7.91	17.28	19.04	21.48	14.13
	240/30	9.47	22.11	9.38	21.80	22.56	27.18	16.75
	300/25	10.02	26.27	15.80	24.10	38.02	29.64	28.22
	300/30	11.97	33.28	18.78	31.72	45.17	39.28	33.53
8.0	240/25	7.94	16.64	6.96				
	240/30	9.47	20.72	8.24				
	300/25	10.02	24.63	13.89				
	300/30	11.97	31.20	16.51				



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Span	Section	Weight (kg/m)	Allowable Total Working Loads in kN					
			Single Span Case		Double Span Case		Three Span Case	
			Capacity	Span/ 300	Capacity	Span/ 300	Capacity	Span/ 300
8.5	240/25	7.94	15.66	6.16				
	240/30	9.47	19.51	7.30				
	300/25	10.02	23.18	12.30				
9.0	300/30	11.97	29.37	14.62				
	300/25	10.02	21.90	10.98				
9.5	300/30	11.97	27.73	13.04				
	300/25	10.02	20.74	9.85				
10.5	300/30	11.97	26.27	11.71				
	300/25	10.02	19.71	8.89				
	300/30	11.97	24.96	10.56				

The capacity values in this table are based on rails being fully restrained by cladding.

Eaves Beams

Span	Section	Weight (kg/m)	Allowable Gravity Loads (Unfactored)					
			Single Spans			Double Spans		
			H=1.0	H=1.5	Span/ 200	H=1.0	H=1.5	Span/ 200
			Load (kN)	Load (kN)	Load (kN)	Load (kN)	Load (kN)	Load (kN)
3.5	EB200/16	5.10	17.59	17.20	24.03	16.71	16.71	57.79
	EB200/20	6.35	23.65	23.65	31.35	22.47	22.47	75.40
4.0	EB200/16	5.10	15.35	13.33	18.40	14.58	13.74	44.25
	EB200/20	6.35	20.64	19.72	24.00	19.61	19.61	57.73
4.5	EB200/16	5.10	12.79	10.11	14.53	12.92	10.81	34.96
	EB200/20	6.35	18.30	15.62	18.96	17.38	16.16	45.61
5.0	EB200/16	5.10	10.33	7.34	11.77	10.75	8.32	28.32
	EB200/20	6.35	15.40	12.14	15.36	15.59	13.00	36.95
5.5	EB200/16	5.10	8.20	4.92	9.73			
	EB200/20	6.35	12.70	9.10	12.69			
6.0	EB200/20	6.35	10.33	6.41	10.67			
	EB200/25	7.90	15.24	11.09	13.57			
	EB240/25	9.08	22.58	17.97	22.08			
6.5	EB200/20	6.35	12.48	12.18	9.09			
	EB200/25	7.90	16.17	16.17	11.56			
	EB240/25	9.08	21.86	21.86	18.81			
7.0	EB200/20	6.35	11.54	10.58	7.84			
	EB200/25	7.90	14.95	14.86	9.97			
	EB240/25	9.08	20.23	20.23	16.22			
7.5	EB200/25	7.90	13.89	13.09	8.68			
	EB240/25	9.08	18.80	18.80	14.13			
	EB240/30	10.84	22.91	22.91	17.05			
8.0	EB200/25	7.90	12.95	11.48	7.63			
	EB240/25	9.08	17.55	16.98	12.42			
	EB240/30	10.84	21.39	21.39	14.99			
8.5	EB240/25	9.08	16.44	15.10	11.00			
	EB240/30	10.84	20.04	19.67	13.27			
9.0	EB240/25	9.08	15.45	13.38	9.81			
	EB240/30	10.84	18.84	17.65	11.84			
	EB300/30	11.97	23.68	23.68	19.69			
9.5	EB240/30	10.84	17.75	15.79	10.63			
	EB300/30	11.97	22.33	21.58	17.68			
10.0	EB240/30	10.84	16.78	14.07	9.59			
	EB300/30	11.97	21.11	19.53	15.95			
10.5	EB300/30	11.97	20.01	17.62	14.47			
11.0	EB300/30	11.97	19.00	15.85	13.18			
11.5	EB300/30	11.97	17.56	14.18	12.06			
12.0	EB300/30	11.97	16.14	12.61	11.08			
12.5	EB300/30	11.97	14.80	11.13	10.21			

Table based on one row of supports to 6m span, two rows up to 10m and 3 rows above.



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