

Cuadro 73: Carga axial, corte y momento de elementos de eje 2, carga dirección "x", pasos 1, 15 y 30

Elemento	Tipo de elemento	Paso	Distancia (m)	Carga axial (Kg)	Corte (Kg)	Momento (Kg-m)
5	Columna	1	0.00	-107,578	10,336	30,553
5	Columna	1	1.50	-104,487	10,336	16,988
5	Columna	1	3.00	-101,397	10,336	3,422
5	Columna	15	0.00	-102,595	39,945	99,510
5	Columna	15	1.50	-99,504	39,945	47,082
5	Columna	15	3.00	-96,414	39,945	-5,347
5	Columna	30	0.00	-132,513	2	13,619
5	Columna	30	1.50	-129,422	2	13,616
5	Columna	30	3.00	-126,332	2	13,614
6	Columna	1	0.00	-80,997	4,311	4,787
6	Columna	1	1.50	-78,347	4,311	-63
6	Columna	1	3.00	-75,698	4,311	-4,913
6	Columna	15	0.00	-76,026	11,684	-9,956
6	Columna	15	1.50	-73,376	11,684	-23,101
6	Columna	15	3.00	-70,727	11,684	-36,246
6	Columna	30	0.00	-95,575	2,121	-14,839
6	Columna	30	1.50	-92,926	2,121	-17,224
6	Columna	30	3.00	-90,277	2,121	-19,610
7	Columna	1	0.00	-55,417	2,772	-1,061
7	Columna	1	1.50	-52,768	2,772	-4,179
7	Columna	1	3.00	-50,119	2,772	-7,297
7	Columna	15	0.00	-48,816	6,747	-35,069
7	Columna	15	1.50	-46,167	6,747	-42,659
7	Columna	15	3.00	-43,518	6,747	-50,250
7	Columna	30	0.00	-59,165	-7,665	-46,609
7	Columna	30	1.50	-56,516	-7,665	-37,985
7	Columna	30	3.00	-53,867	-7,665	-29,362
8	Columna	1	0.00	-28,157	-5,215	-7,540
8	Columna	1	1.50	-25,508	-5,215	-1,673
8	Columna	1	3.00	-22,859	-5,215	4,194
8	Columna	15	0.00	-23,680	-6,309	-34,290
8	Columna	15	1.50	-21,031	-6,309	-27,193
8	Columna	15	3.00	-18,382	-6,309	-20,096
8	Columna	30	0.00	-27,240	-11,646	-33,554
8	Columna	30	1.50	-24,591	-11,646	-20,453
8	Columna	30	3.00	-21,942	-11,646	-7,351
21	Columna	1	0.00	-183,746	17,737	37,375
21	Columna	1	1.50	-180,655	17,737	14,096
21	Columna	1	3.00	-177,565	17,737	-9,184

Elemento	Tipo de elemento	Paso	Distancia (m)	Carga axial (Kg)	Corte (Kg)	Momento (Kg-m)
21	Columna	15	0.00	-181,062	16,281	67,911
21	Columna	15	1.50	-177,972	16,281	46,542
21	Columna	15	3.00	-174,881	16,281	25,172
21	Columna	30	0.00	-177,893	7	29,134
21	Columna	30	1.50	-174,802	7	29,126
21	Columna	30	3.00	-171,711	7	29,117
22	Columna	1	0.00	-136,540	18,210	20,944
22	Columna	1	1.50	-133,891	18,210	458
22	Columna	1	3.00	-131,242	18,210	-20,027
22	Columna	15	0.00	-134,012	19,558	41,386
22	Columna	15	1.50	-131,363	19,558	19,383
22	Columna	15	3.00	-128,714	19,558	-2,620
22	Columna	30	0.00	-133,189	-12,971	722
22	Columna	30	1.50	-130,540	-12,971	15,314
22	Columna	30	3.00	-127,891	-12,971	29,907
23	Columna	1	0.00	-90,668	13,720	12,440
23	Columna	1	1.50	-88,018	13,720	-2,995
23	Columna	1	3.00	-85,369	13,720	-18,431
23	Columna	15	0.00	-89,460	20,856	11,684
23	Columna	15	1.50	-86,811	20,856	-11,779
23	Columna	15	3.00	-84,162	20,856	-35,241
23	Columna	30	0.00	-88,844	-665	-7,076
23	Columna	30	1.50	-86,194	-665	-6,328
23	Columna	30	3.00	-83,545	-665	-5,580
24	Columna	1	0.00	-45,291	8,305	4,999
24	Columna	1	1.50	-42,642	8,305	-4,344
24	Columna	1	3.00	-39,993	8,305	-13,687
24	Columna	15	0.00	-44,628	16,345	-6,460
24	Columna	15	1.50	-41,979	16,345	-24,849
24	Columna	15	3.00	-39,329	16,345	-43,237
24	Columna	30	0.00	-44,341	3,166	-14,896
24	Columna	30	1.50	-41,692	3,166	-18,458
24	Columna	30	3.00	-39,043	3,166	-22,020
37	Columna	1	0.00	-181,104	17,488	37,146
37	Columna	1	1.50	-178,013	17,488	14,193
37	Columna	1	3.00	-174,922	17,488	-8,760
37	Columna	15	0.00	-181,667	16,258	67,910
37	Columna	15	1.50	-178,577	16,258	46,571
37	Columna	15	3.00	-175,486	16,258	25,232
37	Columna	30	0.00	-184,488	15	28,515
37	Columna	30	1.50	-181,398	15	28,495
37	Columna	30	3.00	-178,307	15	28,475
38	Columna	1	0.00	-134,878	17,917	20,497
38	Columna	1	1.50	-132,229	17,917	340
38	Columna	1	3.00	-129,580	17,917	-19,817
38	Columna	15	0.00	-135,056	18,670	39,483
38	Columna	15	1.50	-132,407	18,670	18,479
38	Columna	15	3.00	-129,758	18,670	-2,525
38	Columna	30	0.00	-136,509	-13,082	576
38	Columna	30	1.50	-133,860	-13,082	15,293
38	Columna	30	3.00	-131,211	-13,082	30,010
39	Columna	1	0.00	-89,813	13,953	12,517
39	Columna	1	1.50	-87,164	13,953	-3,180
39	Columna	1	3.00	-84,515	13,953	-18,877
39	Columna	15	0.00	-89,580	21,131	12,979
39	Columna	15	1.50	-86,931	21,131	-10,794
39	Columna	15	3.00	-84,282	21,131	-34,566
39	Columna	30	0.00	-90,375	-661	-6,363

Elemento	Tipo de elemento	Paso	Distancia (m)	Carga axial (Kg)	Corte (Kg)	Momento (Kg-m)
39	Columna	30	1.50	-87,726	-661	-5,619
39	Columna	30	3.00	-85,077	-661	-4,875
40	Columna	1	0.00	-44,859	7,922	5,109
40	Columna	1	1.50	-42,210	7,922	-3,804
40	Columna	1	3.00	-39,560	7,922	-12,716
40	Columna	15	0.00	-44,456	17,018	-6,322
40	Columna	15	1.50	-41,807	17,018	-25,468
40	Columna	15	3.00	-39,158	17,018	-44,613
40	Columna	30	0.00	-44,833	3,891	-14,611
40	Columna	30	1.50	-42,184	3,891	-18,988
40	Columna	30	3.00	-39,535	3,891	-23,365
53	Columna	1	0.00	-143,550	17,098	36,786
53	Columna	1	1.50	-140,459	17,098	14,345
53	Columna	1	3.00	-137,369	17,098	-8,097
53	Columna	15	0.00	-143,741	16,341	69,725
53	Columna	15	1.50	-140,650	16,341	48,277
53	Columna	15	3.00	-137,560	16,341	26,829
53	Columna	30	0.00	-116,107	19	25,698
53	Columna	30	1.50	-113,016	19	25,674
53	Columna	30	3.00	-109,925	19	25,649
54	Columna	1	0.00	-105,490	16,963	19,525
54	Columna	1	1.50	-102,841	16,963	442
54	Columna	1	3.00	-100,192	16,963	-18,641
54	Columna	15	0.00	-108,280	27,178	25,536
54	Columna	15	1.50	-105,631	27,178	-5,038
54	Columna	15	3.00	-102,982	27,178	-35,613
54	Columna	30	0.00	-88,705	8,684	2,900
54	Columna	30	1.50	-86,056	8,684	-6,869
54	Columna	30	3.00	-83,407	8,684	-16,639
55	Columna	1	0.00	-68,207	13,284	11,497
55	Columna	1	1.50	-65,558	13,284	-3,447
55	Columna	1	3.00	-62,909	13,284	-18,391
55	Columna	15	0.00	-73,394	9,088	-31,055
55	Columna	15	1.50	-70,745	9,088	-41,280
55	Columna	15	3.00	-68,096	9,088	-51,504
55	Columna	30	0.00	-63,188	-3,576	-39,093
55	Columna	30	1.50	-60,539	-3,576	-35,070
55	Columna	30	3.00	-57,890	-3,576	-31,047
56	Columna	1	0.00	-32,587	12,154	7,302
56	Columna	1	1.50	-29,938	12,154	-6,371
56	Columna	1	3.00	-27,289	12,154	-20,044
56	Columna	15	0.00	-36,928	880	-30,389
56	Columna	15	1.50	-34,279	880	-31,379
56	Columna	15	3.00	-31,630	880	-32,370
56	Columna	30	0.00	-33,365	-4,759	-30,340
56	Columna	30	1.50	-30,716	-4,759	-24,986
56	Columna	30	3.00	-28,067	-4,759	-19,632
77	Viga	1	0.00	0	-5,554	8,829
77	Viga	1	2.00	0	-1,454	14,867
77	Viga	1	4.00	0	6,035	11,044
77	Viga	1	6.00	0	13,524	-7,160
77	Viga	1	8.00	0	17,624	-35,226
77	Viga	15	0.00	11	-7,122	17,728
77	Viga	15	2.00	11	-3,022	26,627
77	Viga	15	4.00	11	4,467	25,664
77	Viga	15	6.00	11	11,956	10,321
77	Viga	15	8.00	11	16,056	-14,884
77	Viga	30	0.00	10	-16,763	-21,287
77	Viga	30	2.00	10	-12,663	5,207

Elemento	Tipo de elemento	Paso	Distancia (m)	Carga axial (Kg)	Corte (Kg)	Momento (Kg-m)
77	Viga	30	4.00	10	-5,174	21,839
77	Viga	30	6.00	10	2,315	24,090
77	Viga	30	8.00	10	6,415	16,480
78	Viga	1	0.00	1	-5,596	8,506
78	Viga	1	2.00	1	-1,495	14,620
78	Viga	1	4.00	1	5,994	10,872
78	Viga	1	6.00	1	13,483	-7,256
78	Viga	1	8.00	1	17,583	-35,246
78	Viga	15	0.00	14	-8,283	10,992
78	Viga	15	2.00	14	-4,183	22,010
78	Viga	15	4.00	14	3,306	23,166
78	Viga	15	6.00	14	10,795	9,942
78	Viga	15	8.00	14	14,895	-13,144
78	Viga	30	0.00	11	-17,438	-22,974
78	Viga	30	2.00	11	-13,338	4,752
78	Viga	30	4.00	11	-5,849	22,617
78	Viga	30	6.00	11	1,640	26,101
78	Viga	30	8.00	11	5,740	19,724
79	Viga	1	0.00	1	-7,411	1,489
79	Viga	1	2.00	1	-3,311	10,916
79	Viga	1	4.00	1	4,178	10,482
79	Viga	1	6.00	1	11,667	-4,333
79	Viga	1	8.00	1	15,767	-29,009
79	Viga	15	0.00	16	-6,357	18,513
79	Viga	15	2.00	16	-2,257	26,017
79	Viga	15	4.00	16	5,232	23,659
79	Viga	15	6.00	16	12,721	6,921
79	Viga	15	8.00	16	16,821	-19,679
79	Viga	30	0.00	13	-13,045	-6,704
79	Viga	30	2.00	13	-8,945	13,006
79	Viga	30	4.00	13	-1,456	22,854
79	Viga	30	6.00	13	6,033	18,322
79	Viga	30	8.00	13	10,133	3,928
80	Viga	1	0.00	1	-8,903	-3,077
80	Viga	1	2.00	1	-4,803	9,073
80	Viga	1	4.00	1	2,686	11,362
80	Viga	1	6.00	1	10,175	-730
80	Viga	1	8.00	1	14,275	-22,683
80	Viga	15	0.00	17	-5,221	19,447
80	Viga	15	2.00	17	-1,121	24,876
80	Viga	15	4.00	17	6,368	20,444
80	Viga	15	6.00	17	13,857	1,631
80	Viga	15	8.00	17	17,957	-27,043
80	Viga	30	0.00	14	-8,735	5,930
80	Viga	30	2.00	14	-4,635	17,773
80	Viga	30	4.00	14	2,854	19,755
80	Viga	30	6.00	14	10,343	7,355
80	Viga	30	8.00	14	14,443	-14,906
81	Viga	1	0.00	0	-6,357	4,442
81	Viga	1	2.00	0	-2,257	11,945
81	Viga	1	4.00	0	5,232	9,587
81	Viga	1	6.00	0	12,721	-7,152
81	Viga	1	8.00	0	16,821	-33,753
81	Viga	15	0.00	0	-8,019	12,447
81	Viga	15	2.00	0	-3,919	22,983
81	Viga	15	4.00	0	3,570	23,658
81	Viga	15	6.00	0	11,059	9,953
81	Viga	15	8.00	0	15,159	-13,614
81	Viga	30	0.00	0	-15,118	-13,244
81	Viga	30	2.00	0	-11,018	10,248

Elemento	Tipo de elemento	Paso	Distancia (m)	Carga axial (Kg)	Corte (Kg)	Momento (Kg-m)
81	Viga	30	4.00	0	-3,529	23,878
81	Viga	30	6.00	0	3,960	23,127
81	Viga	30	8.00	0	8,060	12,515
82	Viga	1	0.00	0	-6,160	5,198
82	Viga	1	2.00	0	-2,060	12,343
82	Viga	1	4.00	0	5,429	9,626
82	Viga	1	6.00	0	12,918	-7,472
82	Viga	1	8.00	0	17,018	-34,431
82	Viga	15	0.00	0	-7,670	13,987
82	Viga	15	2.00	0	-3,570	23,886
82	Viga	15	4.00	0	3,919	23,924
82	Viga	15	6.00	0	11,408	9,581
82	Viga	15	8.00	0	15,508	-14,623
82	Viga	30	0.00	0	-16,522	-18,396
82	Viga	30	2.00	0	-12,422	7,659
82	Viga	30	4.00	0	-4,933	23,853
82	Viga	30	6.00	0	2,556	25,666
82	Viga	30	8.00	0	6,656	17,618
83	Viga	1	0.00	0	-7,647	-165
83	Viga	1	2.00	0	-3,547	9,691
83	Viga	1	4.00	0	3,942	9,687
83	Viga	1	6.00	0	11,432	-4,699
83	Viga	1	8.00	0	15,532	-28,946
83	Viga	15	0.00	0	-6,221	19,463
83	Viga	15	2.00	0	-2,121	26,717
83	Viga	15	4.00	0	5,368	24,110
83	Viga	15	6.00	0	12,857	7,122
83	Viga	15	8.00	0	16,957	-19,727
83	Viga	30	0.00	0	-12,516	-3,496
83	Viga	30	2.00	0	-8,416	15,247
83	Viga	30	4.00	0	-927	24,130
83	Viga	30	6.00	0	6,562	18,631
83	Viga	30	8.00	0	10,662	3,271
84	Viga	1	0.00	0	-9,609	-7,507
84	Viga	1	2.00	0	-5,509	5,932
84	Viga	1	4.00	0	1,980	9,509
84	Viga	1	6.00	0	9,469	-1,295
84	Viga	1	8.00	0	13,569	-21,961
84	Viga	15	0.00	0	-5,387	17,666
84	Viga	15	2.00	0	-1,287	23,400
84	Viga	15	4.00	0	6,202	19,272
84	Viga	15	6.00	0	13,691	763
84	Viga	15	8.00	0	17,791	-27,608
84	Viga	30	0.00	0	-8,583	5,993
84	Viga	30	2.00	0	-4,483	17,558
84	Viga	30	4.00	0	3,006	19,262
84	Viga	30	6.00	0	10,495	6,585
84	Viga	30	8.00	0	14,595	-15,953
85	Viga	1	0.00	0	-6,182	5,053
85	Viga	1	2.00	0	-2,082	12,237
85	Viga	1	4.00	0	5,407	9,560
85	Viga	1	6.00	0	12,896	-7,498
85	Viga	1	8.00	0	16,996	-34,417
85	Viga	15	0.00	5	-8,488	11,926
85	Viga	15	2.00	5	-4,388	23,319
85	Viga	15	4.00	5	3,101	24,849
85	Viga	15	6.00	5	10,590	11,999
85	Viga	15	8.00	5	14,690	-10,712
85	Viga	30	0.00	6	-16,744	-16,722
85	Viga	30	2.00	6	-12,644	9,738
85	Viga	30	4.00	6	-5,155	26,336

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85	Viga	30	6.00	6	2,334	28,554
85	Viga	30	8.00	6	6,434	20,910
86	Viga	1	0.00	0	-5,922	5,970
86	Viga	1	2.00	0	-1,822	12,679
86	Viga	1	4.00	0	5,667	9,527
86	Viga	1	6.00	0	13,156	-8,007
86	Viga	1	8.00	0	17,257	-35,402
86	Viga	15	0.00	6	-7,979	13,407
86	Viga	15	2.00	6	-3,878	23,869
86	Viga	15	4.00	6	3,611	24,471
86	Viga	15	6.00	6	11,100	10,691
86	Viga	15	8.00	6	15,200	-12,950
86	Viga	30	0.00	8	-17,392	-19,913
86	Viga	30	2.00	8	-13,292	7,729
86	Viga	30	4.00	8	-5,803	25,511
86	Viga	30	6.00	8	1,686	28,911
86	Viga	30	8.00	8	5,786	22,450
87	Viga	1	0.00	0	-7,465	423
87	Viga	1	2.00	0	-3,365	9,949
87	Viga	1	4.00	0	4,124	9,615
87	Viga	1	6.00	0	11,613	-5,102
87	Viga	1	8.00	0	15,713	-29,679
87	Viga	15	0.00	6	-6,378	19,216
87	Viga	15	2.00	6	-2,278	26,758
87	Viga	15	4.00	6	5,211	24,439
87	Viga	15	6.00	6	12,700	7,739
87	Viga	15	8.00	6	16,800	-18,822
87	Viga	30	0.00	9	-13,022	-4,333
87	Viga	30	2.00	9	-8,922	15,334
87	Viga	30	4.00	9	-1,432	25,138
87	Viga	30	6.00	9	6,057	20,562
87	Viga	30	8.00	9	10,157	6,125
88	Viga	1	0.00	0	-9,887	-7,570
88	Viga	1	2.00	0	-5,787	6,376
88	Viga	1	4.00	0	1,702	10,460
88	Viga	1	6.00	0	9,191	164
88	Viga	1	8.00	0	13,291	-19,994
88	Viga	15	0.00	7	-5,394	18,806
88	Viga	15	2.00	7	-1,294	24,552
88	Viga	15	4.00	7	6,195	20,437
88	Viga	15	6.00	7	13,684	1,941
88	Viga	15	8.00	7	17,784	-26,416
88	Viga	30	0.00	9	-8,925	6,644
88	Viga	30	2.00	9	-4,825	18,835
88	Viga	30	4.00	9	2,664	21,165
88	Viga	30	6.00	9	10,153	9,113
88	Viga	30	8.00	9	14,253	-12,800