

Cuadro 70: Estado de articulaciones, carga en dirección "x", eje C, paso 30

Elemento	Tipo de articulación	No. de articulación	Localización	P (Kg)	V2 (Kg)	M2 (Kg-m)	M3 (Kg-m)	Desplazamiento x (m)	Desplazamiento y (m)	Desplazamiento z (m)	Giro x (radianes)	Giro y (radianes)	Giro z (radianes)	Tramo
17	COLUMNAS-PMM	17H1	0	-131,377.21	0.00	-1,242.66	113,147.01	<b>6.70E-05</b>	0.00E+00	0.00E+00	0.00E+00	<b>3.24E-04</b>	<b>3.24E-04</b>	<b>B - IO</b>
17	COLUMNAS-PMM	17H2	1	-125,196.08	0.00	2,433.25	30,951.47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
17	COLUMNAS-V2	17H3	0	0.00	39,621.41	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
17	COLUMNAS-V2	17H4	1	0.00	39,621.41	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
18	COLUMNAS-PMM	18H1	0	-98,675.33	0.00	-2,980.68	58,970.53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
18	COLUMNAS-PMM	18H2	1	-93,377.23	0.00	3,024.46	28,561.69	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
18	COLUMNAS-V2	18H3	0	0.00	37,414.64	0.00	0.00	0.00E+00	<b>4.96E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
18	COLUMNAS-V2	18H4	1	0.00	37,414.64	0.00	0.00	0.00E+00	<b>4.96E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
19	COLUMNAS-PMM	19H1	0	-65,784.36	0.00	-2,701.97	26,009.73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
19	COLUMNAS-PMM	19H2	1	-60,486.25	0.00	2,588.64	180.08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
19	COLUMNAS-V2	19H3	0	0.00	36,590.38	0.00	0.00	0.00E+00	<b>1.62E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
19	COLUMNAS-V2	19H4	1	0.00	36,590.38	0.00	0.00	0.00E+00	<b>1.62E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
21	COLUMNAS-PMM	21H1	0	-177,879.52	0.00	-10.77	116,077.08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
21	COLUMNAS-PMM	21H2	1	-171,698.39	0.00	142.76	33,862.49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
21	COLUMNAS-V2	21H3	0	0.00	39,634.47	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
21	COLUMNAS-V2	21H4	1	0.00	39,634.47	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
22	COLUMNAS-PMM	22H1	0	-133,188.73	0.00	-80.67	60,623.77	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
22	COLUMNAS-PMM	22H2	1	-127,890.62	0.00	338.14	29,906.51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
22	COLUMNAS-V2	22H3	0	0.00	37,552.49	0.00	0.00	0.00E+00	<b>5.12E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>IO - SV</b>
22	COLUMNAS-V2	22H4	1	0.00	37,552.49	0.00	0.00	0.00E+00	<b>5.12E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>IO - SV</b>
23	COLUMNAS-PMM	23H1	0	-88,843.54	0.00	-292.24	26,545.73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
23	COLUMNAS-PMM	23H2	1	-83,545.43	0.00	504.59	223.21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
23	COLUMNAS-V2	23H3	0	0.00	36,723.97	0.00	0.00	0.00E+00	<b>1.70E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
23	COLUMNAS-V2	23H4	1	0.00	36,723.97	0.00	0.00	0.00E+00	<b>1.70E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
25	COLUMNAS-PMM	25H1	0	-177,879.52	0.00	77.22	116,077.08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
25	COLUMNAS-PMM	25H2	1	-171,698.39	0.00	-19.90	33,862.49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
25	COLUMNAS-V2	25H3	0	0.00	39,634.47	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
25	COLUMNAS-V2	25H4	1	0.00	39,634.47	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
26	COLUMNAS-PMM	26H1	0	-133,188.73	0.00	236.59	60,623.77	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
26	COLUMNAS-PMM	26H2	1	-127,890.62	0.00	-195.77	29,906.51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
26	COLUMNAS-V2	26H3	0	0.00	37,552.49	0.00	0.00	0.00E+00	<b>5.12E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>IO - SV</b>
26	COLUMNAS-V2	26H4	1	0.00	37,552.49	0.00	0.00	0.00E+00	<b>5.12E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>IO - SV</b>
27	COLUMNAS-PMM	27H1	0	-88,843.54	0.00	424.13	26,545.73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
27	COLUMNAS-PMM	27H2	1	-83,545.43	0.00	-381.31	223.21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
27	COLUMNAS-V2	27H3	0	0.00	36,723.97	0.00	0.00	0.00E+00	<b>1.70E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
27	COLUMNAS-V2	27H4	1	0.00	36,723.97	0.00	0.00	0.00E+00	<b>1.70E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
29	COLUMNAS-PMM	29H1	0	-131,377.21	0.00	1,316.45	113,147.01	<b>6.70E-05</b>	0.00E+00	0.00E+00	0.00E+00	<b>3.24E-04</b>	<b>3.24E-04</b>	<b>B - IO</b>
29	COLUMNAS-PMM	29H2	1	-125,196.08	0.00	-2,296.81	30,951.47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
29	COLUMNAS-V2	29H3	0	0.00	39,621.41	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
29	COLUMNAS-V2	29H4	1	0.00	39,621.41	0.00	0.00	0.00E+00	<b>2.50E-02</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	>E
30	COLUMNAS-PMM	30H1	0	-98,675.33	0.00	3,153.24	58,970.53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
30	COLUMNAS-PMM	30H2	1	-93,377.23	0.00	-2,868.21	28,561.69	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
30	COLUMNAS-V2	30H3	0	0.00	37,414.64	0.00	0.00	0.00E+00	<b>4.96E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
30	COLUMNAS-V2	30H4	1	0.00	37,414.64	0.00	0.00	0.00E+00	<b>4.96E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
31	COLUMNAS-PMM	31H1	0	-65,784.36	0.00	2,843.29	26,009.73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
31	COLUMNAS-PMM	31H2	1	-60,486.25	0.00	-2,462.62	180.08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>A - B</b>
31	COLUMNAS-V2	31H3	0	0.00	36,590.38	0.00	0.00	0.00E+00	<b>1.62E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>
31	COLUMNAS-V2	31H4	1	0.00	36,590.38	0.00	0.00	0.00E+00	<b>1.62E-03</b>	0.00E+00	0.00E+00	0.00E+00	0.00E+00	<b>B - IO</b>