Cuadro 71: Estado de articulaciones, carga en dirección "y", eje A, paso 22

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
1	COLUMNAS-PMM	1H1	0	-34,124.09	0.00	94,921.19	-2,381.58	**2.99E-03**	0.00E+00	0.00E+00	0.00E+00	**1.06E-02**	**1.06E-02**	**SV - EE**
1	COLUMNAS-PMM	1H2	1	-27,942.97	0.00	20,934.48	4,476.48	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
1	COLUMNAS-V2	1H3	0	0.00	-2,584.18	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
1	COLUMNAS-V2	1H4	1	0.00	-2,584.18	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
5	COLUMNAS-PMM	5H1	0	-125,345.23	0.00	117,955.66	-3,115.98	**2.13E-03**	0.00E+00	0.00E+00	0.00E+00	**1.03E-02**	**1.03E-02**	**SV - EE**
5	COLUMNAS-PMM	5H2	1	-119,164.11	0.00	5,132.58	5,811.60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
5	COLUMNAS-V2	5H3	0	0.00	-3,381.06	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
5	COLUMNAS-V2	5H4	1	0.00	-3,381.06	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
9	COLUMNAS-PMM	9H1	0	-123,113.50	0.00	118,210.78	-3,115.98	**2.12E-03**	0.00E+00	0.00E+00	0.00E+00	**1.03E-02**	**1.03E-02**	**SV - EE**
9	COLUMNAS-PMM	9H2	1	-116,932.38	0.00	5,379.64	5,810.96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
9	COLUMNAS-V2	9H3	0	0.00	-3,381.06	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
9	COLUMNAS-V2	9H4	1	0.00	-3,381.06	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
13	COLUMNAS-PMM	13H1	0	-91,210.61	0.00	123,552.14	-2,381.68	**2.08E-03**	0.00E+00	0.00E+00	0.00E+00	**1.01E-02**	**1.01E-02**	**SV - EE**
13	COLUMNAS-PMM	13H2	1	-85,029.49	0.00	17,647.06	4,442.74	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
13	COLUMNAS-V2	13H3	0	0.00	-2,584.29	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
13	COLUMNAS-V2	13H4	1	0.00	-2,584.29	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
113	VIGAS-M3	113H1	0	0.00	0.00	0.00	37,835.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.37E-02**	**SV - EE**
113	VIGAS-M3	113H2	1	0.00	0.00	0.00	-4,227.80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
113	VIGAS-V2	113H3	0	0.00	8,752.38	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
113	VIGAS-V2	113H4	1	0.00	19,824.45	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
114	VIGAS-M3	114H1	0	0.00	0.00	0.00	37,619.24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.38E-02**	**SV - EE**
114	VIGAS-M3	114H2	1	0.00	0.00	0.00	-3,870.82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
114	VIGAS-V2	114H3	0	0.00	8,655.42	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
114	VIGAS-V2	114H4	1	0.00	19,727.49	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
115	VIGAS-M3	115H1	0	0.00	0.00	0.00	37,382.13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.12E-02**	**SV - EE**
115	VIGAS-M3	115H2	1	0.00	0.00	0.00	-3,598.97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
115	VIGAS-V2	115H3	0	0.00	8,584.32	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
115	VIGAS-V2	115H4	1	0.00	19,656.39	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
116	VIGAS-M3	116H1	0	0.00	0.00	0.00	36,955.26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**8.78E-03**	**SV - EE**
116	VIGAS-M3	116H2	1	0.00	0.00	0.00	-3,959.34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
116	VIGAS-V2	116H3	0	0.00	8,407.04	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
116	VIGAS-V2	116H4	1	0.00	19,479.11	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
117	VIGAS-M3	117H1	0	0.00	0.00	0.00	37,696.83	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.37E-02**	**SV - EE**
117	VIGAS-M3	117H2	1	0.00	0.00	0.00	-4,301.93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
117	VIGAS-V2	117H3	0	0.00	8,668.40	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
117	VIGAS-V2	117H4	1	0.00	19,740.47	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**

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
118	VIGAS-M3	118H1	0	0.00	0.00	0.00	37,760.84	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.37E-02**	**SV - EE**
118	VIGAS-M3	118H2	1	0.00	0.00	0.00	-4,263.13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
118	VIGAS-V2	118H3	0	0.00	8,745.17	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
118	VIGAS-V2	118H4	1	0.00	19,817.24	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
119	VIGAS-M3	119H1	0	0.00	0.00	0.00	37,244.53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.13E-02**	**SV - EE**
119	VIGAS-M3	119H2	1	0.00	0.00	0.00	-4,229.96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
119	VIGAS-V2	119H3	0	0.00	8,547.98	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
119	VIGAS-V2	119H4	1	0.00	19,620.05	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
120	VIGAS-M3	120H1	0	0.00	0.00	0.00	36,773.87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**8.36E-03**	**IO - SV**
120	VIGAS-M3	120H2	1	0.00	0.00	0.00	-4,261.82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
120	VIGAS-V2	120H3	0	0.00	8,380.01	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
120	VIGAS-V2	120H4	1	0.00	19,452.08	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
121	VIGAS-M3	121H1	0	0.00	0.00	0.00	37,557.36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.37E-02**	**SV - EE**
121	VIGAS-M3	121H2	1	0.00	0.00	0.00	-3,777.95	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
121	VIGAS-V2	121H3	0	0.00	8,717.33	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
121	VIGAS-V2	121H4	1	0.00	19,789.40	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
122	VIGAS-M3	122H1	0	0.00	0.00	0.00	37,825.63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.37E-02**	**SV - EE**
122	VIGAS-M3	122H2	1	0.00	0.00	0.00	-4,223.03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
122	VIGAS-V2	122H3	0	0.00	8,723.37	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
122	VIGAS-V2	122H4	1	0.00	19,795.44	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
123	VIGAS-M3	123H1	0	0.00	0.00	0.00	37,393.70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**1.13E-02**	**SV - EE**
123	VIGAS-M3	123H2	1	0.00	0.00	0.00	-4,621.80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
123	VIGAS-V2	123H3	0	0.00	8,598.89	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
123	VIGAS-V2	123H4	1	0.00	19,670.96	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
124	VIGAS-M3	124H1	0	0.00	0.00	0.00	36,877.68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**8.36E-03**	**SV - EE**
124	VIGAS-M3	124H2	1	0.00	0.00	0.00	-3,514.17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
124	VIGAS-V2	124H3	0	0.00	8,419.17	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**
124	VIGAS-V2	124H4	1	0.00	19,491.24	0.00	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**A - B**