

Pilar										Fundação										Risco	
Nome	Seção	X (cm)	Y (cm)	Carga Máx. (t)	Carga Mín. (t)	Mx Máximo (kgf.m)	Mx Mínimo (kgf.m)	My Máximo (kgf.m)	My Mínimo (kgf.m)	Fx Máximo (t)	Fx Mínimo (t)	Fy Máximo (t)	Fy Mínimo (t)	Lado B (cm)	Lado H (cm)	Nº H/L	n	Estaca	ca (cm)	Barras tub. (cm)	
PA1	15x25	897.75	1095.00	1.6	0.4	0	0	0	0	0	0.0	0.1	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA2	15x25	1217.74	1095.00	1.6	0.4	0	0	0	0	0	0.1	0.1	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA3	30x30	15.00	965.00	9.7	8.9	0	0	0	0	0	0.1	-0.2	0.3	-0.2	80	80	50	75	1	HCM90	-115
PA4	30x30	490.00	965.00	14.2	13.2	0	0	0	0	0	0.1	-0.2	0.2	-0.2	80	80	50	75	1	HCM90	-115
PA5	15x25	1217.74	965.00	2.3	1.5	0	0	0	0	0	0.1	0.0	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA6	30x30	1440.00	965.00	17.0	15.8	0	0	0	0	0	0.2	0.0	0.4	-0.3	80	80	50	75	1	HCM90	-115
PA7	30x30	1915.00	965.00	14.4	13.4	0	0	0	0	0	0.1	-0.1	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA8	30x30	2360.00	965.00	16.9	15.8	0	0	0	0	0	0.1	-0.1	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA9	30x30	2865.00	965.00	11.7	11.0	0	0	0	0	0	0.1	0.0	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA10	30x30	15.00	490.00	15.9	15.0	0	0	0	0	0	0.1	-0.1	0.5	-0.6	230	80	80	75	1	HCM90	-125
PA11	30x30	490.00	490.00	26.3	25.9	0	0	0	0	0	0.2	-0.2	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA12	30x30	965.00	490.00	27.8	25.7	0	0	0	0	0	0.2	-0.1	0.6	-0.5	80	80	50	75	1	HCM90	-115
PA13	30x30	1440.00	490.00	31.8	30.8	0	0	0	0	0	0.2	-0.2	0.7	-0.4	230	80	80	75	1	HCM90	-125
PA14	30x30	1915.00	490.00	28.7	23.0	0	0	0	0	0	0.2	-0.1	0.5	-0.2	80	80	50	75	1	HCM90	-115
PA15	30x30	2360.00	490.00	21.5	20.2	0	0	0	0	0	0.3	0.0	0.4	-0.5	80	80	50	75	1	HCM90	-115
PA16	30x30	2865.00	490.00	21.5	20.2	0	0	0	0	0	0.3	0.0	0.4	-0.5	80	80	50	75	1	HCM90	-115
PA17	30x30	15.00	15.00	9.8	8.1	0	0	0	0	0	0.0	-0.2	0.2	-0.1	80	80	50	75	1	HCM90	-115
PA18	30x30	490.00	15.00	10.0	9.8	0	0	0	0	0	0.1	-0.1	0.1	-0.4	80	80	50	75	1	HCM90	-115
PA19	30x30	965.00	15.00	16.3	15.4	0	0	0	0	0	0.1	-0.1	0.4	-0.5	80	80	50	75	1	HCM90	-115
PA20	30x30	1440.00	15.00	11.8	11.0	0	0	0	0	0	0.1	-0.1	0.3	-0.5	80	80	50	75	1	HCM90	-115
PA21	30x30	1915.00	15.00	15.9	14.3	0	0	0	0	0	0.1	-0.2	0.2	-0.3	80	80	50	75	1	HCM90	-115
PA22	30x30	2360.00	15.00	16.2	15.1	0	0	0	0	0	0.1	-0.1	0.1	-0.3	80	80	50	75	1	HCM90	-115
PA23	30x30	2865.00	15.00	11.8	11.0	0	0	0	0	0	0.2	-0.2	0.2	-0.2	80	80	50	75	1	HCM90	-115
PA24	C20	490.00	-335.00	2.3	1.7	0	0	0	0	0	0.1	-0.2	0.1	-0.4	80	80	40	75	1	HCM90	-105
PA25	C20	965.00	-335.00	3.0	2.5	0	0	0	0	0	0.1	-0.0	0.2	-0.1	80	80	40	75	1	HCM90	-105
PA26	C20	1440.00	-335.00	1.2	1.1	0	0	0	0	0	0.1	0.0	0.1	0.0	80	80	40	75	1	HCM90	-105
PA27	C20	1915.00	-334.87	1.8	1.4	0	0	0	0	0	0.1	0.0	0.2	-0.1	80	80	40	75	1	HCM90	-105
PA28	C20	2360.00	-334.87	1.2	1.1	0	0	0	0	0	0.1	0.0	0.1	0.0	80	80	40	75	1	HCM90	-105
PA29	C20	2865.00	-334.87	1.8	1.4	0	0	0	0	0	0.1	0.0	0.2	-0.1	80	80	40	75	1	HCM90	-105
PA30	C20	15.00	-335.00	1.2	1.1	0	0	0	0	0	0.1	0.0	0.1	0.0	80	80	40	75	1	HCM90	-105

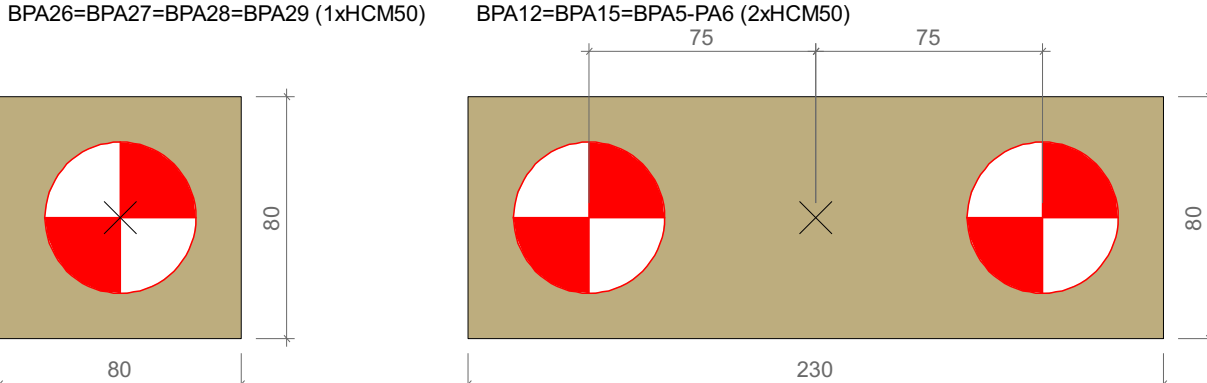
Os esforços indicados nesta tabela são os valores máximos obtidos pelas combinações definidas para as fundações. Para análises complementares, deve-se consultar o relatório de esforços na fundação, que apresenta os valores calculados para cada combinação.

Estacas			
Símbolo	Nome	d	Quantidade
	HCM90	50.00	31

LOCALIZAÇÃO DAS ESTACAS													
Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. (t)	Carga mín. (t)	Momento máx. (kgf.m)	Momento mín. (kgf.m)	Força horiz. máx. (t)	Força horiz. mín. (t)	CA (cm)	E	F
BPA1	E1-1	HCM90	897.75	1095.00	2.84	1.49	105.23	30.81	0.20	0.08	115	-	-
BPA2	E2-1	HCM90	1217.74	1094.97	2.72	1.85	84.72	12.25	0.16	0.06	115	-	-
BPA3	E3-1	HCM90	15.00	965.00	10.81	9.96	120.96	0.35	0.24	0.00	115	-	-
BPA4	E4-1	HCM90	490.00	965.00	15.29	14.30	164.91	5.23	0.15	0.01	115	-	-
BPA7	E7-1	HCM90	1217.74	965.00	3.35	2.54	83.23	19.58	0.16	0.04	115	-	-
BPA9	E9-1	HCM90	1915.00	965.00	15.49	14.45	96.89	5.43	0.19	0.01	115	-	-
BPA10	E10-1	HCM90	2360.00	965.00	12.79	10.99	63.80	4.55	0.12	0.03	115	-	-
BPA11	E11-1	HCM90	2865.00	965.00	12.80	12.07	91.10	8.38	0.18	0.02	115	-	-
BPA12	E12-1	HCM90	15.00	965.00	9.92	9.36	37.64	2.00	0.25	0.01	115	-	-
BPA13	E13-1	HCM90	490.00	965.00	23.34	21.89	57.61	17.75	0.11	0.03	115	-	-
BPA14	E14-1	HCM90	965.00	965.00	26.19	20.61	11.35	9.86	0.08	0.00	115	-	-
BPA15	E15-1	HCM90	1365.00	490.00	18.63	17.11	203.66	28.47	0.34	0.06	115	-	-
BPA16	E16-1	HCM90	1915.00	490.00	26.81	24.04	221.90	10.86	0.44	0.02	115	-	-
BPA17	E17-1	HCM90	2360.00	490.00	30.07	27.52	90.39	22.51	0.18	0.04	115	-	-
BPA18	E18-1	HCM90	2865.00	490.00	22.60	21.26	198.15	31.12	0.39	0.06	115	-	-
BPA19	E19-1	HCM90	15.00	15.00	9.32	8.38	130.09	20.44	0.17	0.03	115	-	-
BPA20	E20-1	HCM90	490.00	15.00	11.07	10.89	138.38	13.43	0.27	0.03	115	-	-
BPA21	E21-1	HCM90	965.00	15.00	12.27	10.89	182.36	14.83	0.26	0.03	115	-	-
BPA22	E22-1	HCM90	1440.00	15.00	22.89	21.35	201.21	2.96	0.39	0.01	115	-	-
BPA23	E23-1	HCM90	1915.00	15.00	16.97	15.42	161.88	20.64	0.32	0.04	115	-	-
BPA24	E24-1	HCM90	2360.00	15.00	17.26	16.22	53.66	21.25	0.18	0.04	115	-	-
BPA25	E25-1	HCM90	2865.00	15.00	12.88	12.07	117.63	29.07	0.23	0.06	115	-	-
BPA26	E26-1	HCM90	15.00	-335.00	4.45	2.81	149.84	10.35	0.29	0.02	105	-	-
BPA27	E27-1	HCM90	965.00	-335.00	4.12	3.54	83.89	4.25	0.16	0.01	105	-	-
BPA28	E28-1	HCM90	1440.00	-335.00	2.35	2.20	20.61	2.81	0.04	0.01	105	-	-
BPA29	E29-1	HCM90	1915.00	-334.87	3.02	2.46	82.84	5.00	0.16	0.01	105	-	-
BPA30	E30-1	HCM90	2360.00	-334.87	3.02	2.46	82.84	5.00	0.16	0.01	105	-	-
E3-PW-2			1007.62	968.75	10.91	10.22	45.86	6.40	0.11	0.08	130	-	-

Localização no eixo X		Localização no eixo Y	
Coordenada (cm)	Nome	Coordenada (cm)	Nome
15.00	PA1, PA2, PA19	1095.00	PA1
490.00	PA1, PA2, PA19, PA20, PA26	1094.97	PA2
897.75	PA7	965.00	PA7
965.00	PA3, PA4, PA10, PA11, PA12, PA13, PA14, PA15, PA16, PA17, PA18	965.00	PA3, PA4, PA10, PA11, PA12, PA13, PA14, PA15, PA16, PA17, PA18
1217.74	PA2, PA7	1217.74	PA2, PA7
1439.97	PA21	1439.97	PA21
1440.00	PA6, PA15, PA22	-335.00	PA6, PA15, PA22
1915.00	PA9, PA16, PA23		
2360.00	PA10, PA17, PA24		
2865.00	PA11, PA18, PA25		

BPA1-BPA2-BPA3-BPA4-BPA7
BPA9-BPA10-BPA11-BPA12
BPA13-BPA14-BPA15-BPA16
BPA17-BPA18-BPA19-BPA20
BPA21-BPA22-BPA23-BPA24-BPA25
BPA26-BPA27-BPA28-BPA29-BPA30



LEGENDA DOS BLOCOS
Escala 1:25

DET. DE ARM. DA ESTACA HÉLICE CONTÍNUA MONITORADA Ø50CM

