

VISTA B
ESC 1:50

VISTA H
ESC 1:50

TOPO - L6
990 (1275.0)

TELHADO - L5
720 (1005.0)

TÉRREO - L4
340 (625.0)

VIGAS VENEZIANAS
250 (535.0)

FUNDAÇÃO - L2
25 (310.0)

SUBSOLO - L1
85 (200.0)

Dimensions and Details:

- 1x20mm
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- 270
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[illegible]

A diagram of a rectangular plate with a height of 50 and a width of 30. A vertical dashed line represents the center of gravity. A force W acts downwards from the center of gravity. Two horizontal forces H act outwards from the top and bottom edges at the center. Two horizontal forces B act inwards from the bottom corners.

4 N3 e6.3 c/10 C=VAR

15

VAR

The diagrams show three parts with dimensions and tolerances:

- Left part:** An L-shaped part with a horizontal leg of length 18 and a vertical leg of length 31. The corner radius is 23. The tolerance is $3\text{ N}10 \pm 0.16/0.0\text{ C} \leq 5$.
- Middle part:** An L-shaped part with a horizontal leg of length 44 and a vertical leg of length 40. The corner radius is 13. The tolerance is $3\text{ N}10 \pm 0.16/0.0\text{ C} = 157$.
- Right part:** A rectangular part with a width of 15 and a height of 15. The corner radius is 2. The tolerance is $2\text{ N}4 \pm 0.3\text{ c}/10\text{ C} = \text{VAR}$.

Figure 1 shows elevation drawings of the bridge structure. The drawings include the bridge deck, abutments, and piers. Dimensions are provided in feet and inches. The bridge deck is 2x3 N8 @ 10.0 C=200. The abutments are 2x3 N9 @ 10.0 C=55. The piers are 4x2 N6 @ 6.3 c/10 C=80. The bridge deck is 18' wide at the abutments and 13' wide at the piers. The bridge deck is 84' long. The abutments are 18' high. The piers are 18' high. The bridge deck is 24' high at the abutments and 15' high at the piers.

Technical drawing of the DET-3 ESC 125 showing a side view and a detail view of the mounting bracket.

Side View Dimensions:

- Top flange width: 120mm
- Central body width: 24.5mm
- Central body height: 20mm
- Mounting flange height: 24.5mm
- Mounting flange width: 20mm
- Mounting flange thickness: N7
- Central body thickness: N5

Detail View Dimensions:

- Plate dimensions: 4 N6 ø6.3 c/10 C=VAR
- Plate length: 15mm

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	352	152	53504
	2	6.3	704	43	30272
	3	6.3	16	VAR	VAR
	4	6.3	8	VAR	VAR
	5	6.3	32	212	6784
	6	6.3	32	80	2560
	7	6.3	16	VAR	VAR
	8	10.0	24	200	4800
	9	10.0	48	55	2640
	10	16.0	12	157	1884
	11	16.0	12	67	804
	12	16.0	12	212	2544
	13	16.0	24	64	1536
	14	20.0	32	1200	38400
	15	20.0	32	180	5760

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	976.3	262.8
	10.0	74.4	50.5
	16.0	67.7	117.5
	20.0	441.6	1198

CA50	1628.7
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Área de forma = 0.00 m²

Relação das alças de içamento				
Qtde.	Aço	ø (mm)	C. Anc. (cm)	C. Unit. (cm)
4	ASTM A36	12.5	27	98

DETALHAMENTO PILAR PM 44-55-64-73