

199

48N3

GRAUITE:
(Silicatização) (25kg) +
12.5kg de pedrisco brita 0)

16N13 66.35 Kg = 177
Colocação de grana a
cada a tres linhas de bloco.

Bloco de Concreto Estrutural
19x 19x.39 cm

319

Technical drawing of a tambo (hatch cover) with dimensions and components. The drawing shows a rectangular tambo with a central concrete block and a surrounding frame. Dimensions are given in millimeters (mm).

Dimensions:

- Overall width: 197 mm
- Overall height: 15 mm
- Top flange width: 48N3 ø10 C=212
- Top flange height: 4N9 ø8 C=106
- Top flange thickness: 60 mm
- Top flange offset: 20 mm
- Top flange width: 40 mm
- Top flange height: 60 mm
- Top flange offset: 15 mm
- Top flange width: 12 mm
- Top flange height: 155 mm
- Top flange width: 128 mm
- Top flange height: 15 mm

Components:

- Bloco Calha 19x 19x 39 cm
- Bloco de Concreto Estrutural 19x 19x 39 cm
- Bloco n°2

Notes:

- Tambo 600 mm com capacidade de carga 40,000Kg com travamento, tampa articulada removível e amiel de polietileno.

Technical drawing of a Z-profile. The dimensions are: 20 (top flange width), 45 (web height), 20 (bottom flange width), 16N1306.35 C=177 (profile designation), and "GRAPA" (material or grade). The drawing shows the profile in a 3D perspective view.

Technical drawing of the upper cover (TAMPA SUPERIOR) showing dimensions and reinforcement details.

Dimensions:

- Overall Length: 319
- Overall Width: 199
- Central Opening Diameter: 100
- Reinforcement Bar Spacing: 60
- Reinforcement Bar Diameter: 20

Reinforcement Details:

- Top Reinforcement: 8N1012.5 c.25 C=324
- Bottom Reinforcement: 10N4010 c.20 C=324
- Left Side Reinforcement: 13N2012.5 c.25 C=204
- Right Side Reinforcement: 16N5010 c.20 C=204

Corner Reinforcement Details:

- Top Left: 20N12, 63, 8
- Top Right: 20N12, 63, 8
- Bottom Left: 20N12, 63, 8
- Bottom Right: 20N12, 63, 8

FORMA E ARMAÇÃO DA TAMPA SUPERIOR

Technical drawing of a rectangular plate with dimensions 105x220. The plate has four holes: two 5N6ø10 holes at the top (C=215) and two 10N7ø10 holes at the bottom (C=100). The distance between the hole centers is 105. The plate thickness is 220.

Elemento	Pos.	Diámetro (mm)	Q.	Comp. (cm)	Total (cm)	CA 50-A (kg)	CA 60-B (kg)
	1	12.5	8	324	2592	25.00	
	2	12.5	13	204	2652	25.50	
	3	10	48	212	10176	62.80	
	4	10	10	324	3240	20.00	
	5	10	16	204	3264	20.15	
	6	10	5	215	1075	6.65	
	7	10	10	100	1000	6.20	
	8	8	50	86	4300	17.00	
	9	8	6	1036	6216	24.55	
	10	8	5	215	1075	4.25	
	11	8	10	100	1000	3.95	
	12	8	16	79	1264	5.00	
	13	6.35	16	177	2832	7.00	
	Total:				16.4	0.0	
					Ø6.3:	7.00	0.0
					Ø8:	54.75	0.0
					Ø10:	115.80	0.0
					Ø12.5:	50.50	0.0
					Total:	228.05	0.0

[illegible]