



A diagram of a circular ring. The inner circle has a diameter of 115, and the outer circle has a diameter of 162. The dimensions are indicated by horizontal lines with arrows at the ends, labeled 115 and 162 respectively.

Technical drawing of a circular hatch cover. The drawing shows a top view of the cover with a central circular opening. The outer diameter of the cover is 625 mm. The central opening has a diameter of 220 mm. The thickness of the cover is 22 mm. The distance from the center of the opening to the edge of the cover is 104 mm. The drawing also shows a side view of the cover, indicating a hatch diameter of 250 mm. The cover is shown with diagonal hatching to indicate its material.

1 hatch diameter 250 mm

22

104

220

625

625

104

22

Technical drawing of a vertical cylindrical vessel with a hemispherical head. The drawing shows a cross-section with dimensions: total height 1400 mm (700 mm for the head and 700 mm for the body), head radius 220 mm, and a central hatch diameter of 250 mm. A flange at the top has an outer diameter of 220 mm and a width of 22 mm. A horizontal dimension of 400 mm is also indicated.



STRAIGHT PIPES							
Pieces		DN	Outside diameter (mm)	Wall thickness (mm)	Piece Length (mm)	Total Lenght (mm)	
12		100	114,3	3	105	1260	
BOLTED FLANGE JOINTS							
Number of bolted flange joint							
12							
FLANGES							
N. flanges	DN	Outside diamter (mm)	Thicknes s (mm)	Diameter of bolt circle (mm)	Diameter of bolt hole (mm)	Bolts number per flange (#)	Bolts size
12	100	220	22	180	18	8	M16 5,6