S.B.H.

MODELS

FILE 1.1
VERSION 2
11/01/2021

TECHNICAL SPECIFICATIONS

Circular metallic silo support over a flat or conical concrete floor.
Composed by the following parts: roof and cylinder.
Its height is defined by the diameter and the number of body´s rings. The first ring´s height is 1190 mm and each additional adds 1140 mm to the total height.
Available till 30 heights on the following diameters: 3.00, 3.50, 4.60, 5.35, 6.10, 6.87, 7.60, 8.40, 9.20, 9.93, 10.7, 11.45, 12.23, 12.98, 13.75, 14.51, 15.28, 16.05, 16.8, 17.57, 18.34, 19.86, 20.63, 21.39, 22.15, 22.92, 23.68, 24.44, 25.98, 27.5 y 32.08.
Includes as standard accessories a roof rung ladder, 1140 mm of simple ladder until the access door, an access door and a roof manhole.

PARTS AND MATERIALS

1 **ROOF**

- Composed by roof sectors assembled between them through the roof waves.
- Its slope is 30º.
- Self – supporting roof on silos from 4.60 to 9.93.
- Self – supporting roofs are reinforced with wave roofs or beam roof to high snow loads.
- Sectors material : Galvanised steel S280GD ZM310 MAC e= 0.8mm
- Structure material: Galvanised steel S280GD Z600-MAC o S350GD Z600MAC

2 **CYLINDER**

- Composed by bodysheets screwed between them and with stiffeners.
- Wind rings are installed on the highest zones to avoid its deformation when the silo is empty.
- Into the bottom is located the aeration systems and the sweep auger.
- Bodysheet material: Galvanised steel S350GD Z600
- Reinforcement material: steel HX 500 LAD