

## VENTILATED CONE

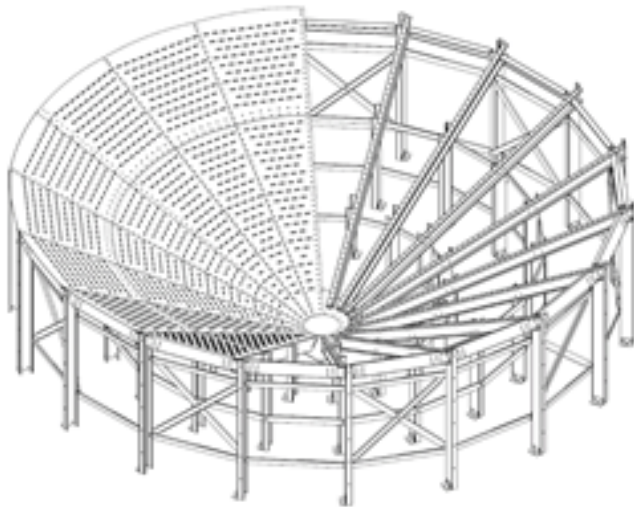
## ACCESSORIES AERATION SYSTEM



FILE 5.35

VERSION 2. 17/06/2021

COD. ASBH\*\*\*\*VENCOS530,  
ASBH\*\*\*\*VENCOS545



## PARTS AND MATERIALS

- 1 **HOPPER SECTORS**
  - There are foldings (A) allowing air flowing and avoiding grain penetration.
  - MATERIAL: Galvanized steel S280 GD Z600 MAC
- 2 **PILLARS**
  - "C" profiles  $t=2$  mm
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- 3 **CROSS BEAMS**
  - "C" profiles of folded Steel sheets.
  - Thickness of 2mm until silo model 6.10 and 3 mm onwards.
  - MATERIAL: Galvanized steel S280 GD Z 600 MAC
- 4 **BEAMS T30/T45**
  - "C" profiles.
  - Thickness 2mm until silo model 7.60 and 3 mm onwards.
  - MATERIAL: Galvanized steel S280 GD Z 600 MAC
- 5 **TRANSITION SHEET**
  - Steel sheet with dimensions: 1000x1000x10 mm
  - MATERIAL: Galvanized steel S275 JR
- 6 **BRACING**
  - Folded steel sheet  $t=2$  mm
  - MATERIAL: Galvanized steel S280 GD Z600 MAC
- 7 **CENTRAL PILLAR**
  - HEB 100 profiles with anchor plates for its attachment to the foundation and the transition sheet  $L = 836$  mm.
  - MATERIAL: Galvanized Steel S275 JR

## TECHNICAL SPECIFICATIONS

Aeration system consisting of an inner hopper supported by a pillars structure, beams and bracings. It allows a complete aeration of the silo with the unloading conditions of a hopper.

Qualities:

- The hopper is made of aeration sectors, trapezoidal steel sheets with folded parts avoiding grain penetration downwards.
- The slope could be  $30^\circ$  o  $45^\circ$ .
- Outlet diameter 400mm.
- Can be at the ground or elevated.
- When the hopper is elevated, the distance to the ground is 836mm and between supports is 760mm.
- Available diameters for SBH 460, 535, 610, 687, 760, 840, 920 and max height: 14 rings.
- It includes, access door, anchors and close angle. Optionally, sheet with pipe can be supplied for fan connection.

## TYPES

- A SOIL  $30^\circ$ . Slope can be  $30^\circ$ . Cone outlet at ground level.  $45^\circ$
- B GROUND  $45^\circ$ . Slope can be  $45^\circ$ . Cone outlet at ground level.
- C HIGH  $30^\circ$ . Slope can be  $30^\circ$ . The entire cone is above the ground.
- D ELEVATED  $45^\circ$ . Slope can be  $45^\circ$ . The entire cone is above the ground.

**UTILITY:** It allows to avoid the energy expenditure of the sweeper, it also avoids the contact of the grain with the ground and the breakage of the grain with the sweeper

