

## AERATION GUTTER SYSTEM SBH

BODY



FILE 5.33

VERSION 1

COD. ASBH0460AY, ASBH1070A, ASBH1451AH, ASBH3208H315, ASBH0A, ASBH0460AC, ASBH300AT, ASBH0460AY10, ASBH1070AY10, ASBH1451AH10, ASBH3208AH310, ASBH0460AC10, ASCE0300AT10

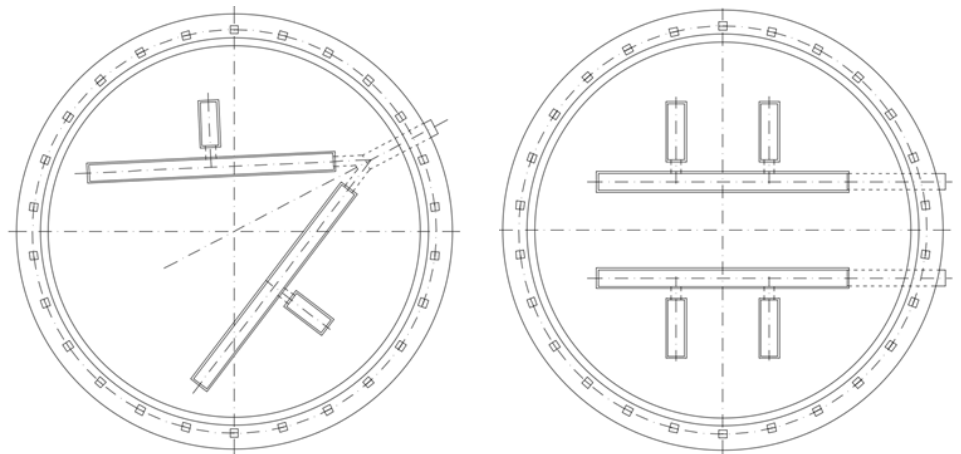
08/01/2020

## TECHNICAL SPECIFICATIONS

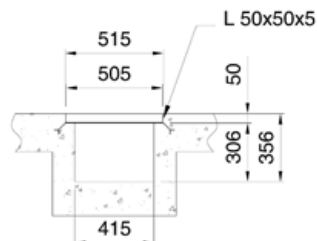
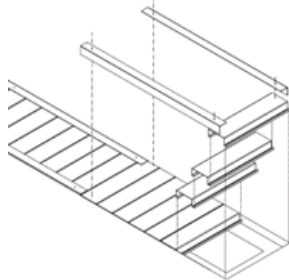
Group of channels and structures located at the silo bottom for its aeration from the bottom to the roof.

Channels are covered by the floor planks (1) drilled with  $\varnothing 1.5\text{mm}$  holes (R3T1.5). The drilling percentage is 23%.

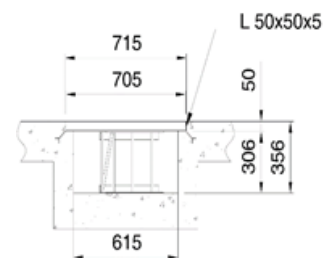
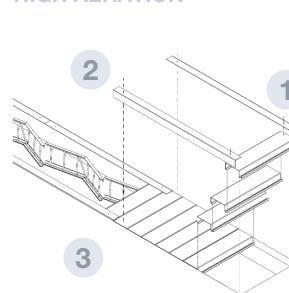
The 1mm floor planks cannot be installed in silo with bottom pressures bigger than  $8 \text{ Tn/ m}^2$ . The 1,5mm ones are capable of withstanding bigger pressures ( $12 \text{ Tn/ m}^2$ ).



### STANDARD AERATION



### HIGH AERATION



## TYPES

### A TYPE Y

- Made by a group of Y channels for 1 fan connection only.
- Channels width is 505mm.
- 9% of the aeration surface on the total bottom silo surface.

### B TYPE H

- Made by a group of H channels for either 1 or 2 fan connection.
- Channels width is 505mm.
- 12% of the aeration surface on the total bottom silo surface.

### C TYPE HA (HIGH PERFORMMANCE AERATION SYSTEM)

- Made by a group of H channels for either 1 or 2 fan connection.
- Channels width is 705 mm.
- Floor planks are supported on "V" supports.
- La superficie de ventilación es del 18% sobre el total de la superficie del fondo del silo

### D TYPE C

- For conical bottom silos.
- Made by channels with same dimensions as Y and H

## PARTS AND MATERIALS

### 1 FLOOR PLANKS

- Folded sheet structures with 1mm or 1,5mm perforations. L= 500 mm (standard aeration) L= 700 mm (high aeration)
- MATERIAL: Galvanized steel S280 GD Z 275 MACO

### 2 ANGLES

- Folded steel sheet profiles  $t= 1.5 \text{ mm}$
- Dimensions: 30x30x1000 mm
- MATERIAL: Galvanized steel S280 GD Z600 MAC

### 3 "V" SUPPORTS

- Structure made of angular and rounded profiles for floor planks supporting.
- MATERIAL: Galvanized steel S275 JR