

WIND RING

CYLINDER
COMPONENT



FILE 3.8
VERSION 1
24/10/2019



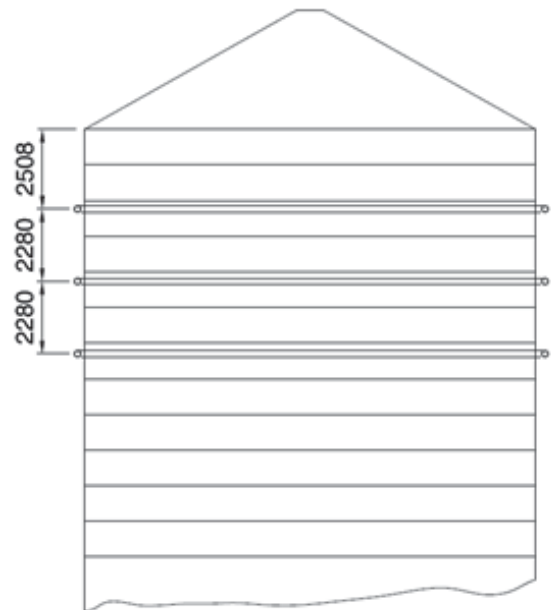
TECHNICAL SPECIFICATIONS

Set of tubes joint to the stiffeners to avoid the deformation on the cylinder due to the wind pressure when the silo is empty. The wind effect is stronger on the highest part of the silo due to:

- High speed wind
- Empty places without grain
- Less bodysheet thickness

From the eave to the silo's bottom they are located each 2 rings.

According to the requirements it's possible to install as much as necessary. Always outside of the silo to not to stick the grain movement.



PARTS AND MATERIALS

- 1 WIND RING SECTOR**
 - Galvanised tube. $\text{Ø} = 60\text{mm}$ L= 6000mm e=2mm
 - Material: steel E 220 + Z 275
- 2 TUBE SPLICE**
 - Steel bracket to connect the wind ring sectors
 - Material: galvanised steel
 - S280 GD Z600 e= 2mm
- 3 SUPPORT**
 - Folded plate to support the rings
 - Fixed on all the stiffeners
 - Material: galvanised steel S280 GD Z600 MAC e=3mm

