# V10000/10275
## MOUNTING KIT for COMPRESSION-LOW PROFILE load cells

**LAUMAS®**

**Series laod cells:**     CBL - CBX

## Up to 15000 kg application range
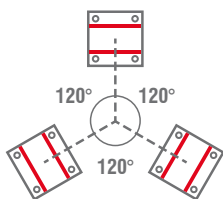

**V10000**


**V10275**

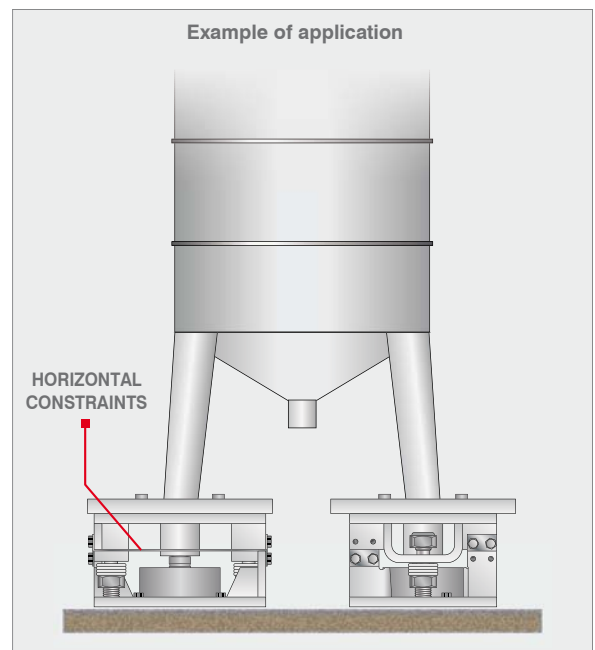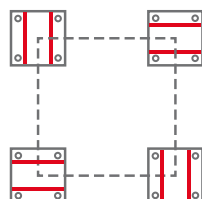| MAX STATIC LOAD kg | FOR LOAD CELLS | NET WEIGHT (kg) | CODE |
|---|---|---|---|
| 15000 | CBL (250 ÷ 12500 kg) - CBX (15000 kg) | 5.7 | V10000 |
| 15000 | CBL (250 ÷ 12500 kg) - CBX (15000 kg) | 6.9 | V10275 |

*Load cell not included.*

## DESCRIPTION

- AISI 304 stainless steel upper and lower plates.
- AISI 304 stainless steel laminas against lateral forces.
- Anti-tilt constraint consisting of two threaded rods with self-locking nut.

HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 3-POINTS SUPPORT

HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 4-POINTS SUPPORT



120° 120°
120°

**Example of application**

HORIZONTAL CONSTRAINTS

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## DIMENSIONS AND TECHNICAL SPECIFICATIONS

Upper and lower plates [2] must rest completely on not deformable surfaces. To ensure the stability of the structure, the system designer must predict any further precaution against side shifts and anti-tilt in function of: knocks and vibrations, wind effect, seismic conditions and hardness of support structure.

- Install the weighed system using only the mounting kit without the load cell [1] and inserting in its place a piece of pipe (1-2 mm higher than the load cell).
- To finish the installation (weldings, etc..), remove the piece of pipe and then removing the bolts to fix the the load cell [7] insert the load cell [1] in mounting kit.
- Connect lower and upper plates [2] to the earthing system then loosen nuts [5]; verify that the threaded rod [4] slides into the hole; turn anti-tilt nuts [6] to a distance of 1 mm from plate.
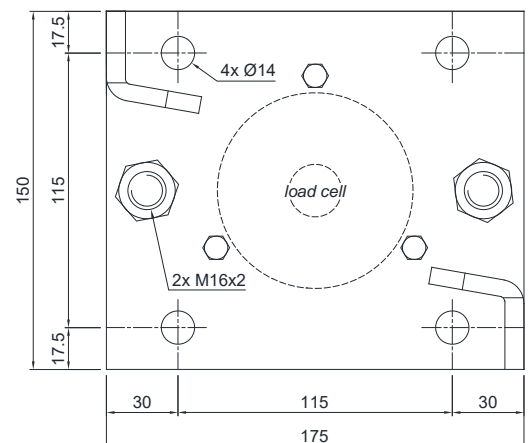- Tighten the three bolts to fix the load cell [7].

**Upper plate**



4x M12 x 1.75

**V10275 - Lower plate**



4x Ø14
2x M16x2
load cell
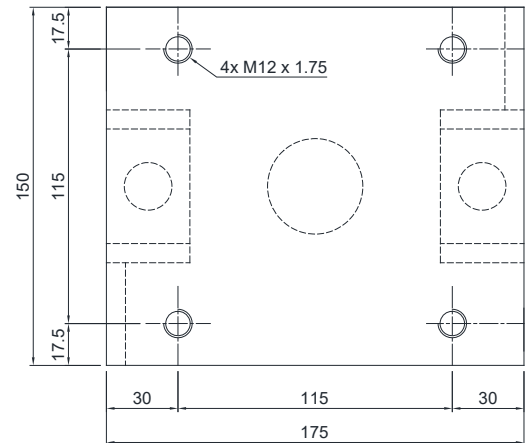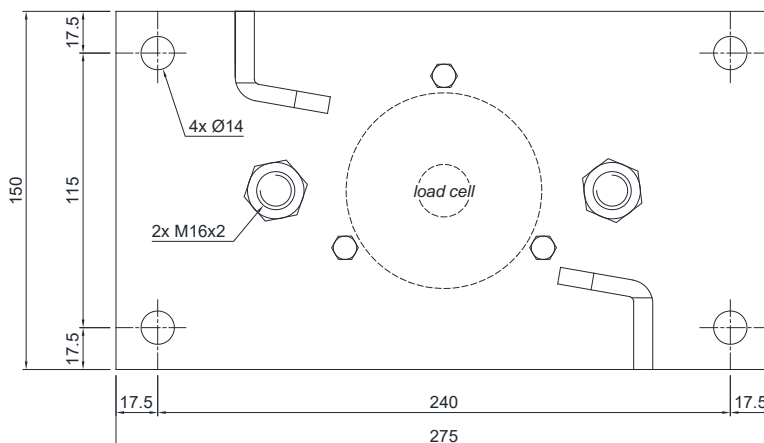
**V10000 - Lower plate**



4x Ø14
2x M16x2
load cell

[1] Load cell.
[2] AISI 304 stainless steel upper and lower plates.
[3] AISI 304 stainless steel laminas with horizontal constraint function.
[4] Threaded rod.
[5] Nut to be used as jack.
[6] Anti-tilt self-locking nut.
[7] M6 bolts to fix the load cell.



*The Company reserves the right to make changes to the technical data, drawings and images without notice.*

*Rev. 0.0*