V10000/V10275-EN1090

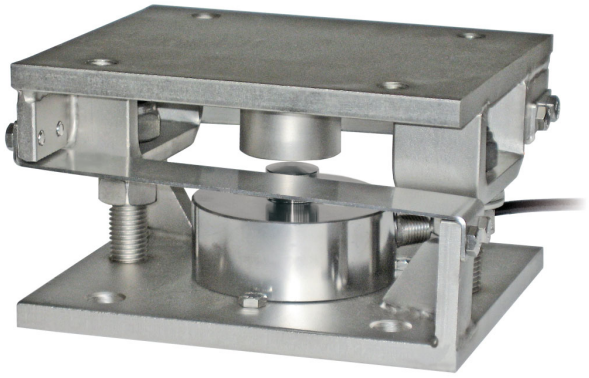
MOUNTING KIT for COMPRESSION - LOW PROFILE load cells

LAUMAS®

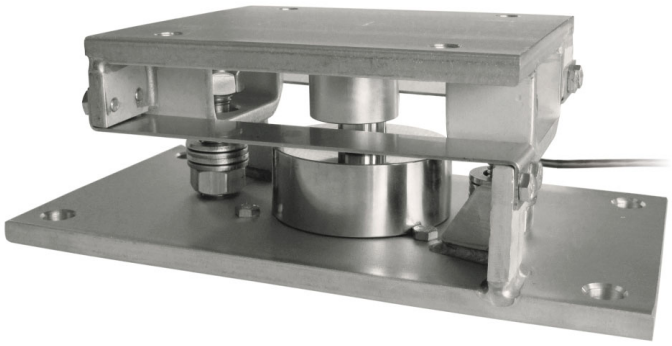
Series load cells: **CBL - CBX - CX**

EN 1090

Up to 15000 kg application range



V10000/V10000EN1090



V10275/V10275EN1090

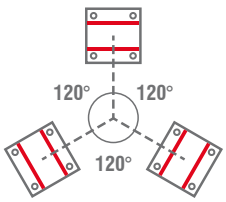
MAX STATIC LOAD kg	EN 1090	FOR LOAD CELLS	NET WEIGHT (kg)	CODE
15000	–	CBL (250 ÷ 12500 kg) - CBX (15000 kg) CX (1000 ÷ 15000 kg)	5.7	V10000
15000	–	CBL (250 ÷ 12500 kg) - CBX (15000 kg) CX (1000 ÷ 15000 kg)	6.9	V10275
15000	•	CBL (250 ÷ 12500 kg) - CBX (15000 kg) CX (1000 ÷ 15000 kg)	5.7	V10000EN1090
15000	•	CBL (250 ÷ 12500 kg) - CBX (15000 kg) CX (1000 ÷ 15000 kg)	6.9	V10275EN1090

Load cell not included.

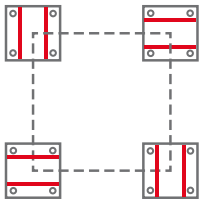
DESCRIPTION

- 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.

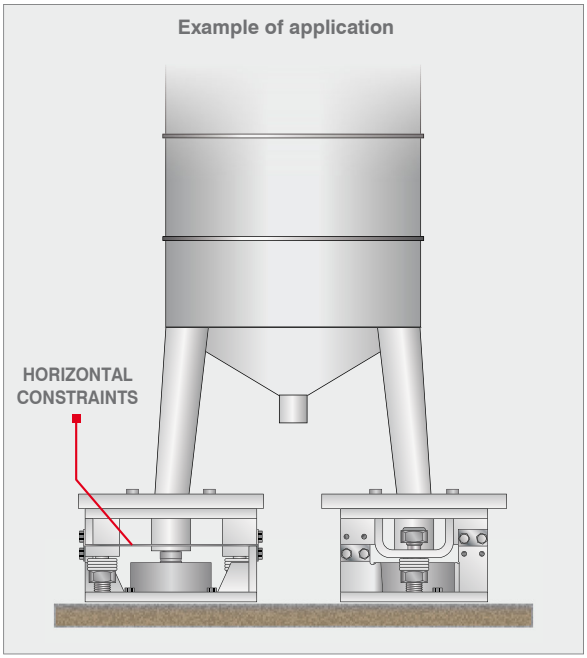
HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 3-POINT SUPPORT



HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 4-POINT SUPPORT



Example of application



Rev. 0.0

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ISO 9001
ISO 14001

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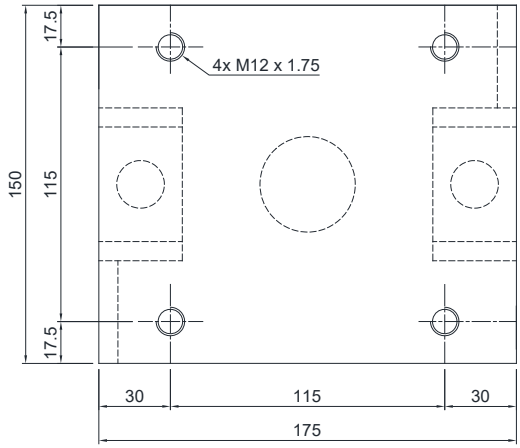
MOUNTING KIT for COMPRESSION - LOW PROFILE load cells

DIMENSIONS AND TECHNICAL SPECIFICATIONS

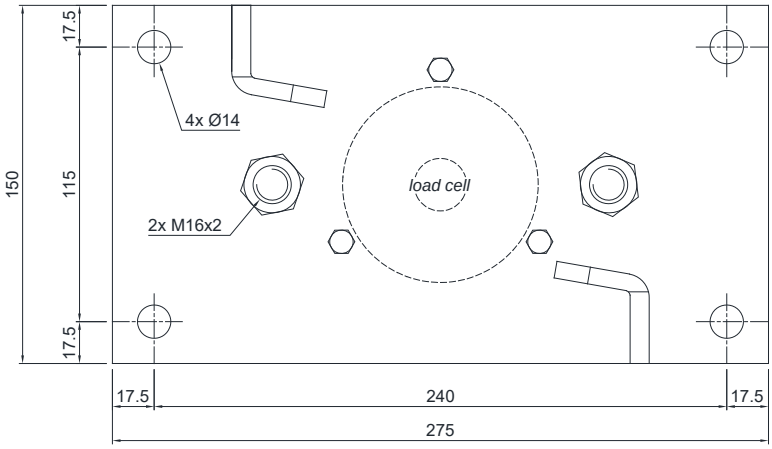
Upper and lower plates [2] must rest completely on not deformable surfaces. To ensure the stability of the structure, the system designer must predict any further precaution against side shifts and anti-tilt in function of: knocks and vibrations, wind effect, seismic conditions and hardness of support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

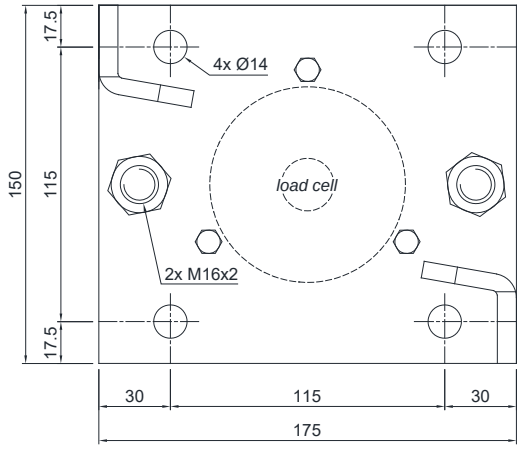
Upper plate



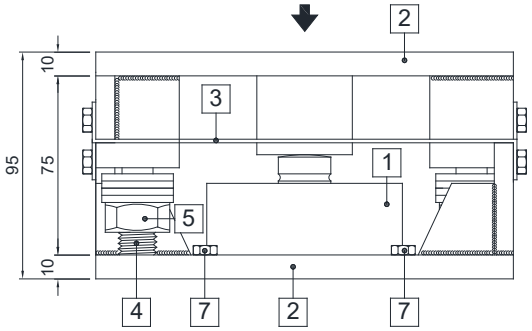
V10275/V10275EN1090 - Lower plate

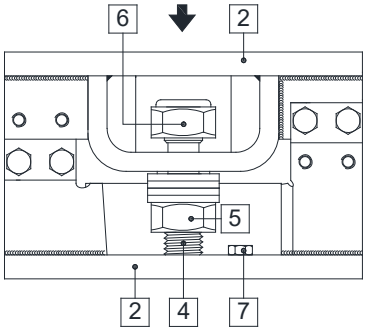


V10000/V10000EN1090 - Lower plate



[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.





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

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