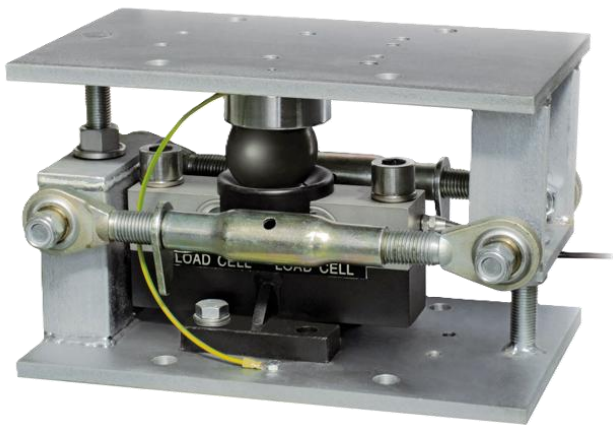
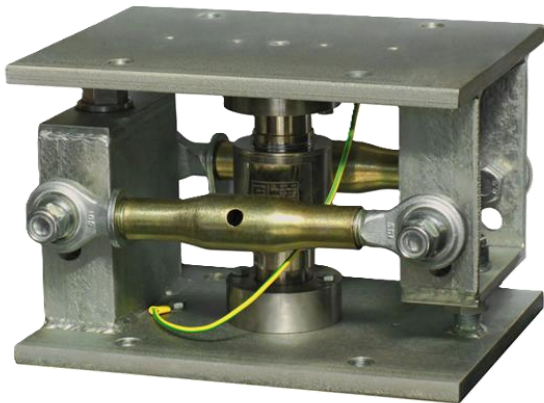


MOUNTING KIT FOR DOUBLE SHEAR
BEAM/COLUMN LOAD CELLS

DOUBLE SHEAR BEAM load cells



COLUMN load cells



- GALVANIZED STEEL
- UP TO 50 000 KG APPLICATION RANGE



NOMINAL LOAD (FS)

kg	kN	NET WEIGHT (kg)	FOR LOAD CELLS
50 000	500	39	LDLB - LILC - LILD

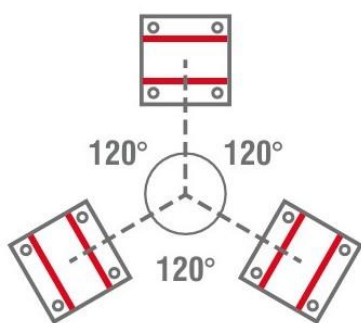
Load cell not included



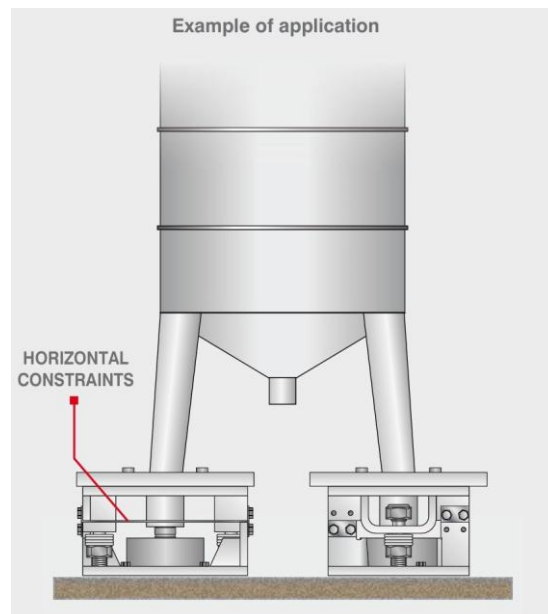
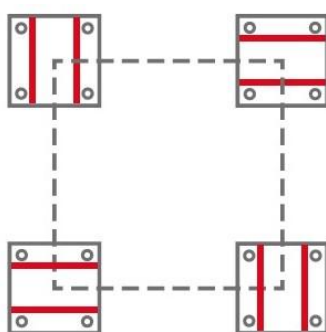
DESCRIPTION

- Galvanized steel upper and lower plate.
- Galvanized steel plate (for DOUBLE SHEAR BEAM load cell).
- Upper and lower bases (for COLUMN load cell).
- Two integrated galvanized steel stay rods with dual ball-and-socket joints suitable to counter the lateral force.
- 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

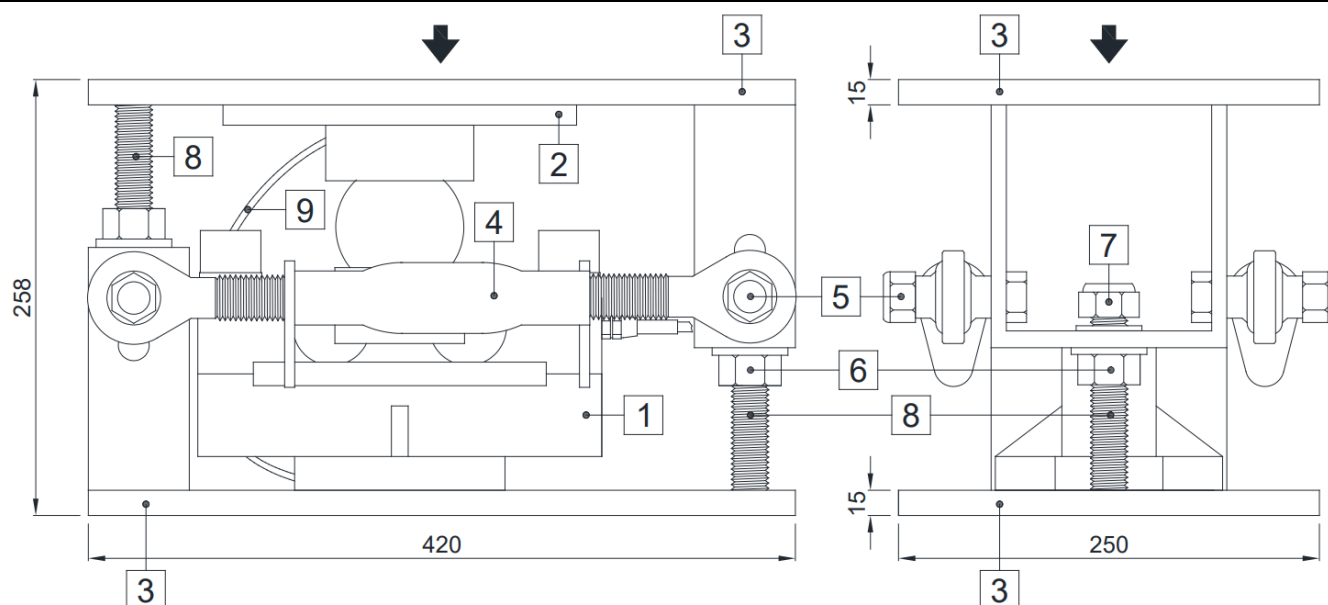


DIMENSIONS AND TECHNICAL SPECIFICATIONS

Upper and lower [3] plates 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.

for DOUBLE SHEAR BEAM load cells:

- Install the weighed system using only the mounting kit without the load cell [1] and inserting in its place a piece of pipe (Ø40x220 mm): unscrewing the nuts [5] and take off one of the two threaded rods [4] and the plate [2].
- To finish the installation (weldings, etc.), take off the piece of pipe and the plate [2]; to place the plate [2] on the load cell [1] and insert them in the mounting kit.
- Fix the load cell and the plate by using the bolts provided.
- Connect lower and upper plates [3] to the earthing system [9], then loosen the nuts [6]; verify that the threaded rod [8] slides into the hole; turn the anti-tilt nuts [7] to a distance of 1 mm from the plate.



[1] Load cell.

[2] Galvanized steel plate (PIATTODTL).

[3] Galvanized steel upper and lower plates (PIACOKDTL).

[4] Galvanized steel turnbuckle with horizontal constrainer function (TENDITORE300).

[5] Self-locking nut Ø18

[6] Nut Ø22 to be used as jack

[7] Anti-tilt self-locking nut Ø22.

[8] Threaded rod Ø22.

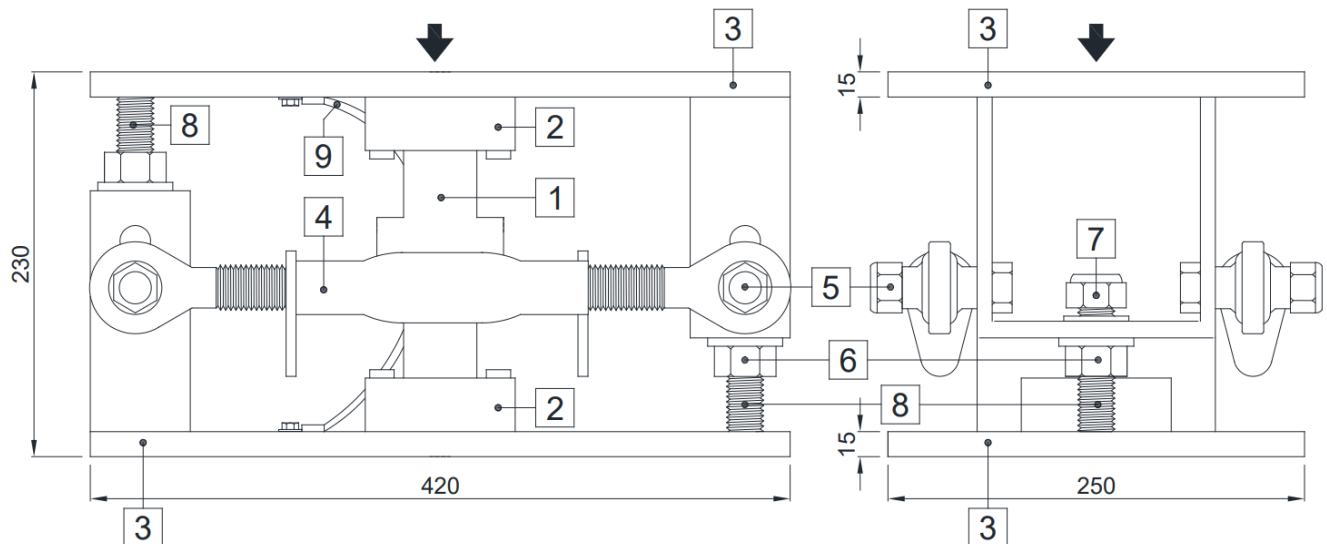
[9] Copper wire for earthing connection.



DIMENSIONS AND TECHNICAL SPECIFICATIONS

for COLUMN load cells:

- Install the weighed system using only the mounting kit without the load cell [1] and inserting in its place a piece of pipe (Ø44x152 mm): unscrewing the nuts [5], take off one of the two threaded rod [4] and the lower base [2].
- To finish the installation (weldings, etc..), take off the piece of pipe and the lower base [2]; replace the load cell [1] on the lower base [2] and insert them in mounting kit
- Connect lower and upper plates [3] to the earthing system [9], then loosen nuts [6]; verify that the threaded rod [8] slides into the hole; turn anti-tilt nuts [7] to a distance of 1 mm from plate.



- [1] Load cell.
- [2] Galvanized steel plate (PIATTODTL).
- [3] Galvanized steel upper and lower plates (PIACOKDTL).
- [4] Galvanized steel turnbuckle with horizontal constrainer function (TENDITORE300).
- [5] Self-locking nut Ø18
- [6] Nut Ø22 to be used as jack
- [7] Anti-tilt self-locking nut Ø22.
- [8] Threaded rod Ø22.
- [9] Copper wire for earthingconnection.

