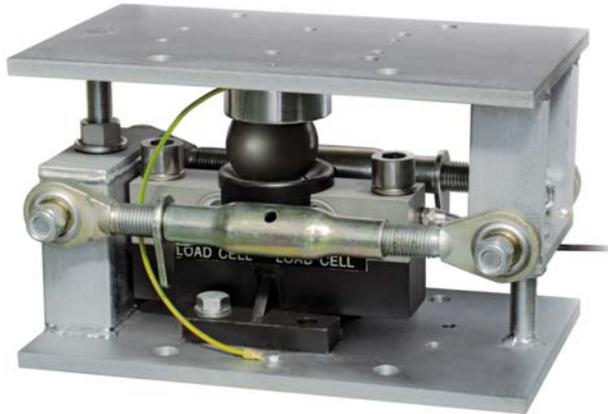
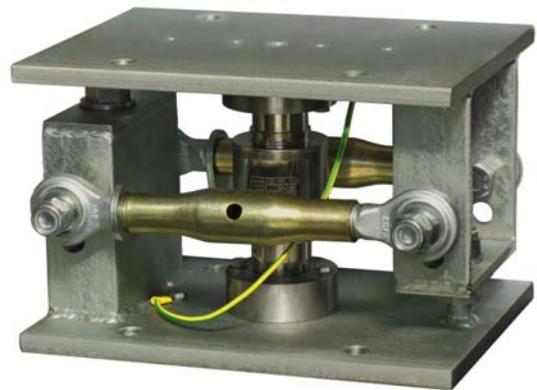


Series load cells: DTL - COL - COK

Up to 50000 kg application range



DOUBLE SHEAR BEAM load cells



COLUMN load cells

| MAX STATIC LOAD kg | FOR LOAD CELLS | NET WEIGHT (kg) | CODE |
|-----------------------|-----------------|-----------------|---------|
| 50000 | DTL - COL - COK | 39 | VCOKDTL |

Load cell not included.

DESCRIPTION

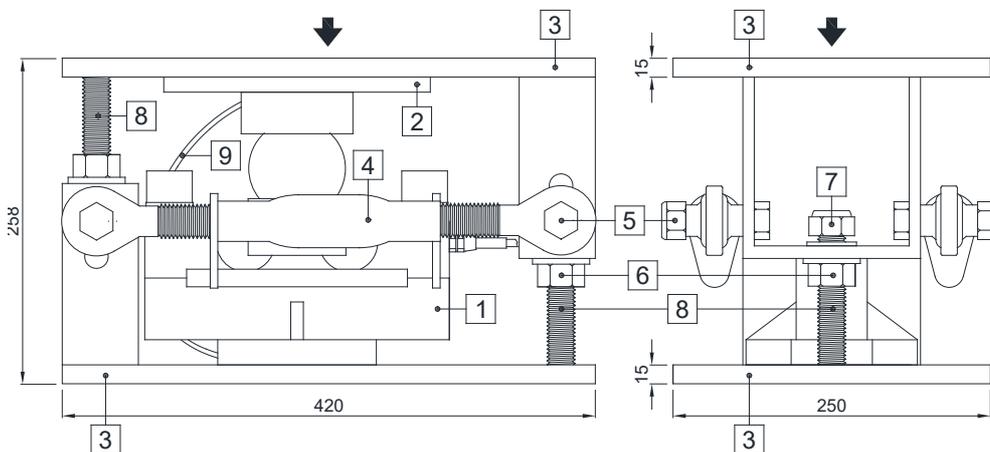
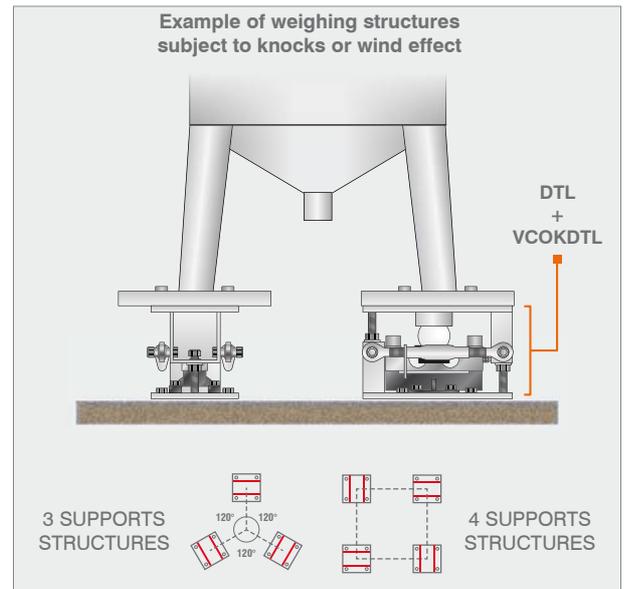
- Galvanized steel upper and lower plate.
- Galvanized steel plate (for DOUBLE SHEAR BEAM load cell).
- Upper and lower bases (for COLUMN load cell).
- Two integrated galvanized steel stay rods with dual ball-and-socket joints suitable to counter the lateral force.
- Anti-tilt constraint consisting of two threaded rods with self-locking nut.

DIMENSIONS AND TECHNICAL SPECIFICATIONS

Upper and lower plates **3** 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 (DTL):

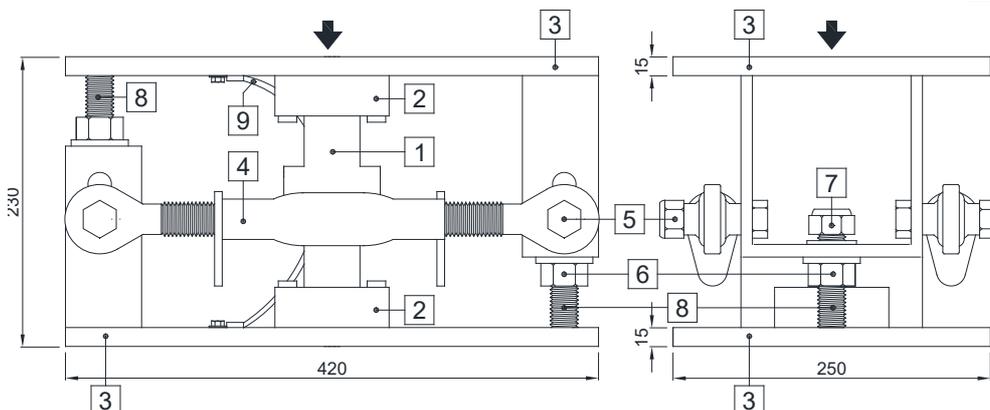
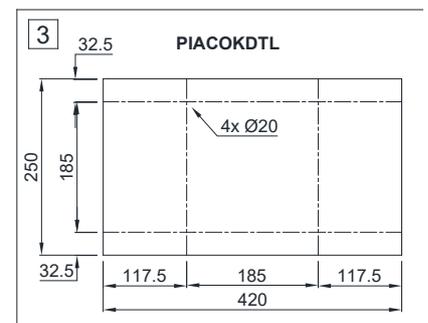
- Install the weighed system using only the mounting kit without the load cell **1** and inserting in its place a piece of pipe (Ø40x220 mm): unscrewing the nuts **5** and take off one of the two threaded rods **4** and the plate **2**.
- To finish the installation (weldings, etc.), take off the piece of pipe and the plate **2**; to place the plate **2** on the load cell **1** and insert them in 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 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 earthing connection.

for COLUMN load cells (COL - COK):

- 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 rods **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** Upper and lower bases.
- 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.