

MOUNTING KIT FOR SHEAR BEAM LOAD CELLS



MAX STATIC LOAD

kg	N	For load cells
350 ... 1 000	3 500 ... 10 000	LBAC - LBAD
2 000	20 000	LBAC - LBAD
3 000 ... 5 000	30 000 ... 50 000	LBAC - LBAD

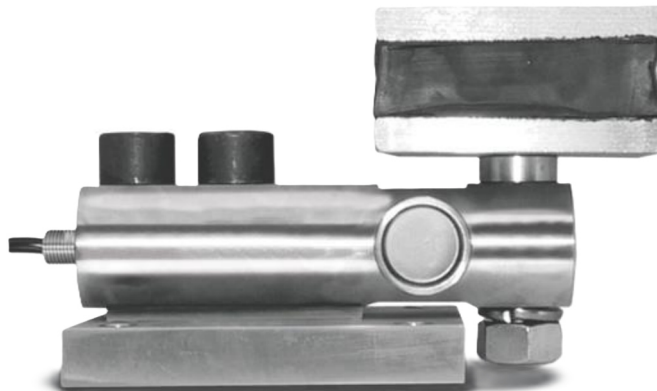
Load cell not included · technical data of the load cells are listed in the LBAC datasheet



DESCRIPTION AND MOUNTING

DESCRIPTION

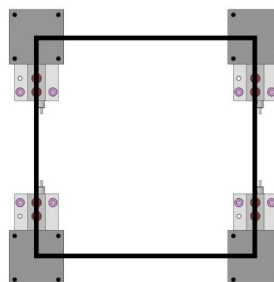
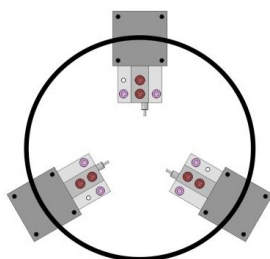
- Made in AISI 304 stainless steel, designed to refine on the installation of weighing and batching systems in tanks, silos, static hoppers or even when subjected to vibrations.
- A shear beam load cell can be paired to every unit, to guarantee an accuracy class of 2 000 or 3 000 divisions and an IP68 protection class.
- Provided with an elastomer bearing to preserve excellent features even in event of settlements, thermal dilation, positioning error, transverse thrusts and deformations or vibrations of structures.
- Low profile · long term high stability · easy application.



350...5 000 kg
3.5...50 kN

MOUNTING PLAN

- Circular system with 3 supporting points.
- Square system with 4 supporting points.



ASSEMBLY INSTRUCTIONS

- Set the lower plates of the unit to the floor using M10 or M12 bolts according with the weighing unit model.
- Install the weighing system to the upper plates of the unit using M10 bolts.
- Connect the weighing units in use to the electrical earth, in accordance with plant design regulations in force.



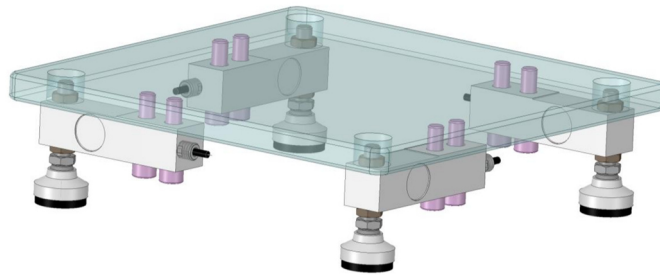
WARNING

Take care to avoid accidental overloads of the load cells while assembling the unit.
Be sure current does not pass through the load cell.
While welding, connect the ground clamp to the top of the weighing unit.



INSTALLATION EXAMPLES

- Platform with 4 supporting points with jointed standard feet.

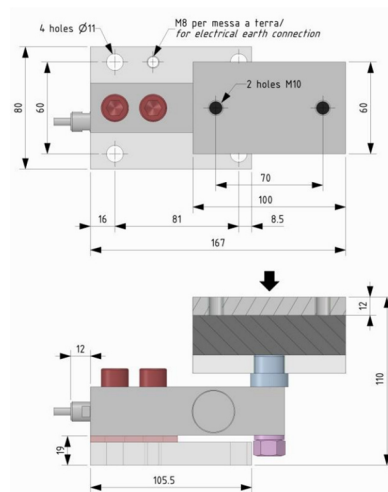


- Silo with 3 supporting points.

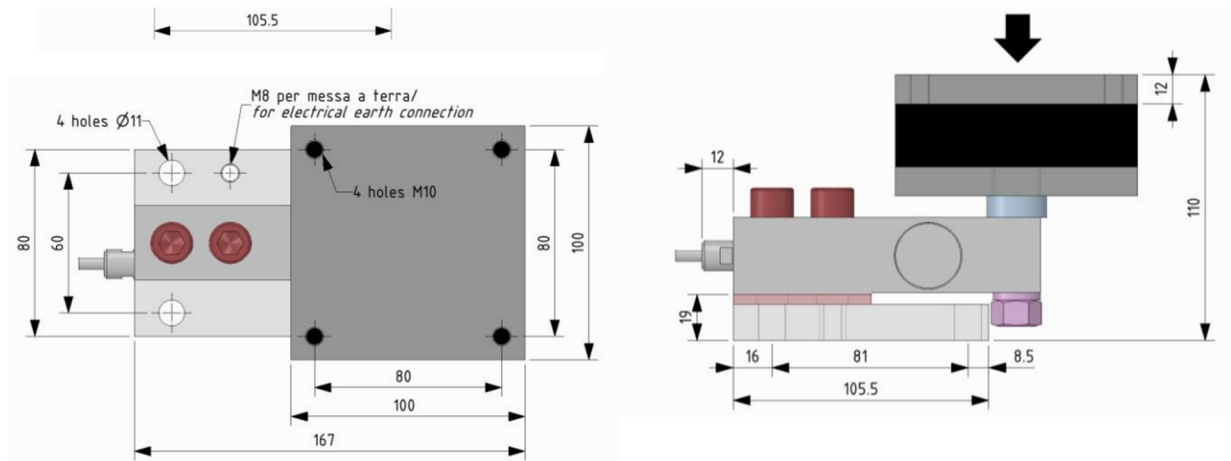


DIMENSIONS (mm)

350 ... 1 000 KG



2 000 KG



3 000 ... 5 000 KG

