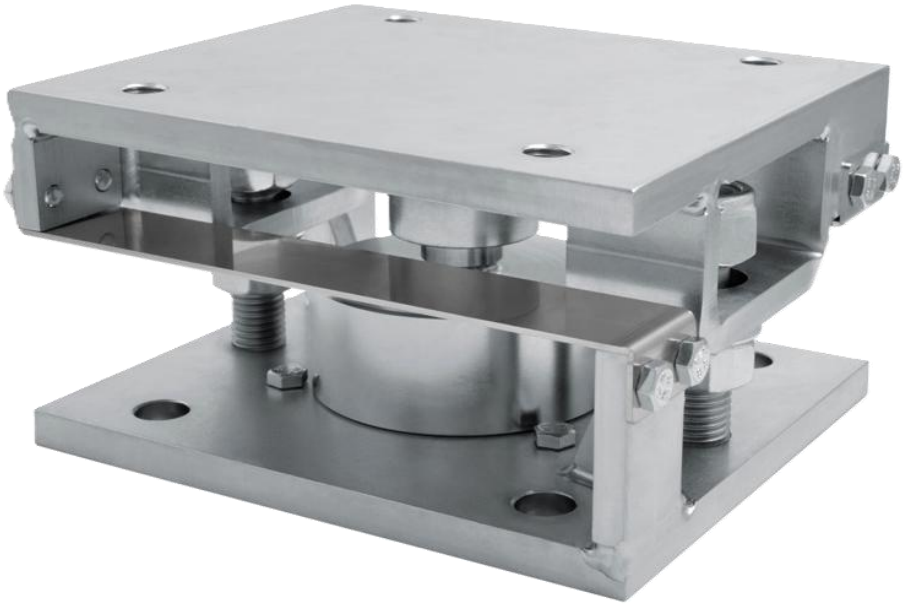
MOUNTING KIT FOR COMPRESSION - LOW PROFILE LOAD CELLS



- AISI 304 STAINLESS STEEL
- UP TO 15 000 KG APPLICATION RANGE

Galvanized Steel

Stainless Steel
AISI 304 · 1.4301

NOMINAL LOAD (FS)

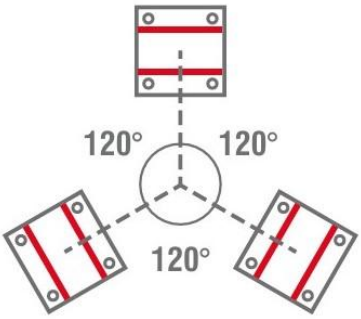
kg	kN	NET WEIGHT (kg)	FOR LOAD CELLS
15 000	150	5.7	LKLA (250 ÷ 12 500 kg) – LKLB (15 000 kg) – LKLC (1 000 ÷ 15 000 kg)

Load cell not included

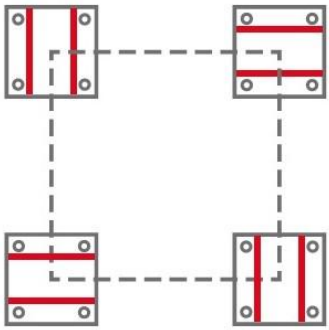
DESCRIPTION

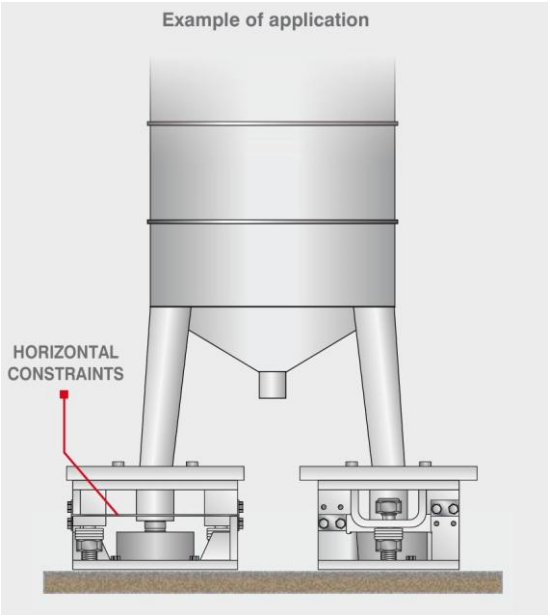
- Upper and lower plates in galvanized S355JR construction steel.
- AISI 304 stainless steel laminas against lateral forces.
- Anti-tilt constraint consisting of two threaded rods with self-locking nut.

HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 3-POINT SUPPORT



HORIZONTAL CONSTRAINTS ORIENTATION IN STRUCTURES WITH 4-POINT SUPPORT



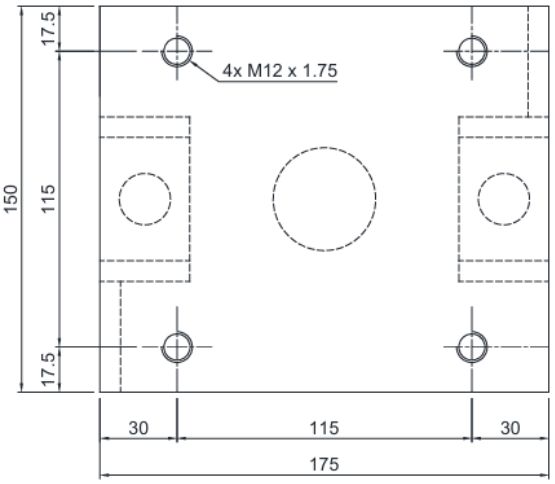


DIMENSIONS AND TECHNICAL SPECIFICATIONS

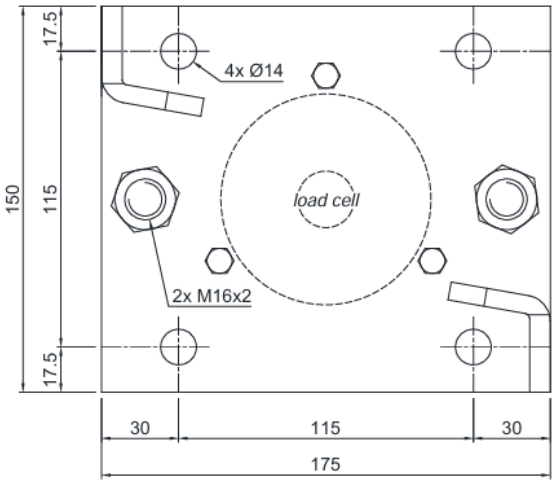
Upper and lower plates [2] must rest completely on not deformable surfaces. To ensure the stability of the structure, the system designer must predict any further precaution against side shifts and anti-tilt in function of: knocks and vibrations, wind effect, seismic conditions and hardness of support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



Lower plate



[1] Load cell.

[2] Upper and lower plates in galvanized S355JR construction steel.

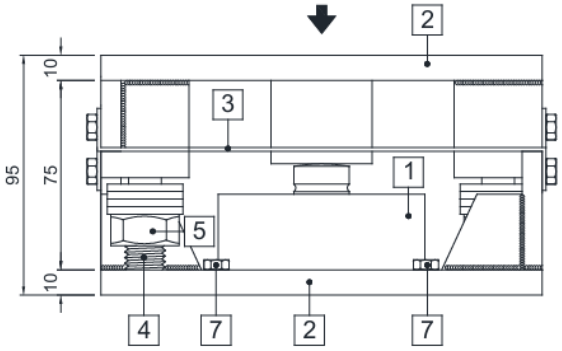
[3] AISI 304 stainless steel laminas with horizontal constraint function.

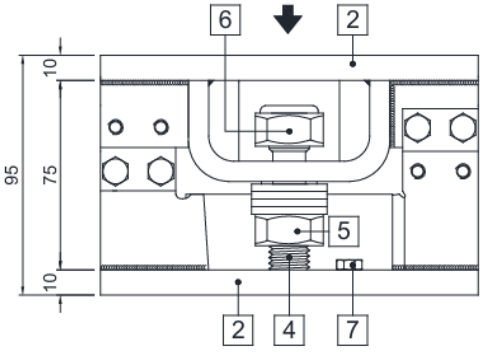
[4] Threaded rod.

[5] Nut to be used as jack.

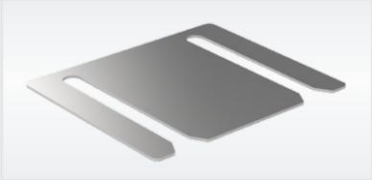
[6] Anti-tilt self-locking nut.

[7] M6 bolts to fix the load cell.





COMPLEMENTARY ACCESSORIES

AISI 304 stainless steel shim	DESCRIPTION
	h 0.5 mm h 1 mm h 2 mm

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