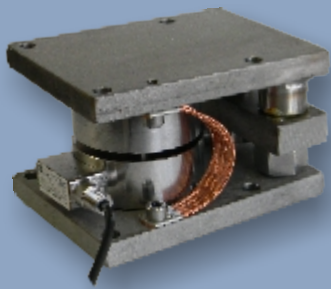


TYPE: CDIT-3-WMOUNT



CDIT-3-WMOUNT Weighing Assembly

Description

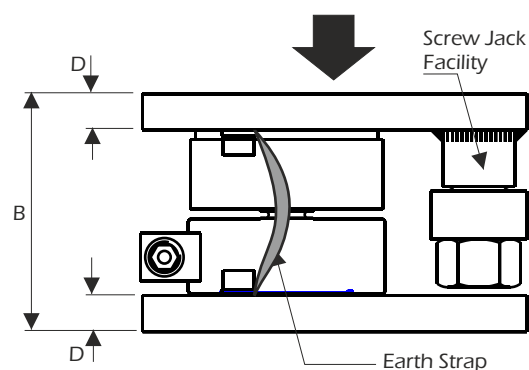
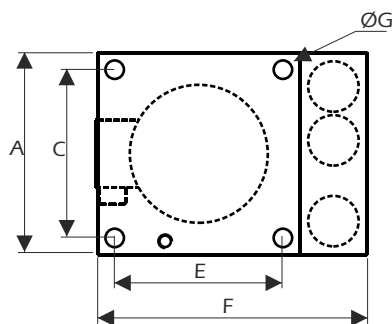
The CDIT-3-WMOUNT is a complete weighing assembly for use with the CDIT-3 range of load cells (see separate data sheet). The weighing assembly facilitates easy mounting for the engineer on site, and incorporates a number of key features that allows the best installed accuracy to be achieved. These include an anti-lift off mechanism, compensation for thermal expansion and for off-axis loading.

Manufactured from stainless steel, the CDIT-3-WMOUNT is available in two sizes (full details are shown on the reverse of this data sheet). The unit is equipped with self load alignment to mitigate against positioning errors and deformation of structures.

Features

- Stainless steel construction
- Aids installation
- Ensures best installation accuracy is achieved
- Incorporates a safety retainer to prevent accidental vessel lifting or sliding
- Available in two sizes
- Suitable for use with the CDIT-3 load cell series

Dimensions

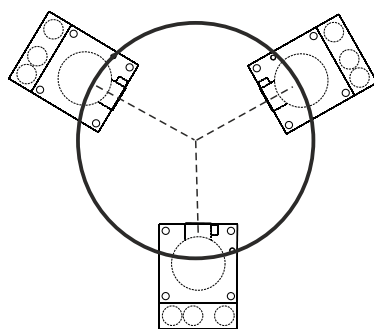


Rating	A	B	C	D	E	F	ØG	Weight
250kg to 10te	120	100	100	15	100	160	11	8.5
20te to 30te	200	112	160	15	110	200	18	13.5

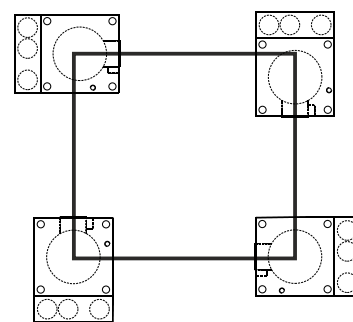
Typical Applications

- Vessel weighing
- Silo weighing
- Process weighing & control
- Tank weighing

Installation Examples



Circular system with three supporting points



Square system with four supporting points

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CDIT-3-WMOUNT Weighing Assembly

Assembly Instructions

- ⦿ Fix the CDIT-3-WMOUNT loading plate (1) to the structure or to the floor, checking that the floor is flat and even. If not, use separate levelling plates.
- ⦿ Place the system to be weighed on the upper plates (2), taking care that the load cells are not overloaded.
- ⦿ Adjust and fix the upper plate (2), ensuring that it is parallel and in axis with the lower plate.
- ⦿ Check that the safety retainer (3) is centred inside the hole, ensuring that it is free to move, especially during weighing.

Load Cell Replacement

- ⦿ Lift the weighing units upper plate (2) by unscrewing the two lifting jacks (4), ensuring that the upper plate is jacked evenly.
- ⦿ Replace the load cell
- ⦿ Screw the two jacks (4) to lower the upper plate evenly back onto the load cells

