

NORDIC TRANSDUCER

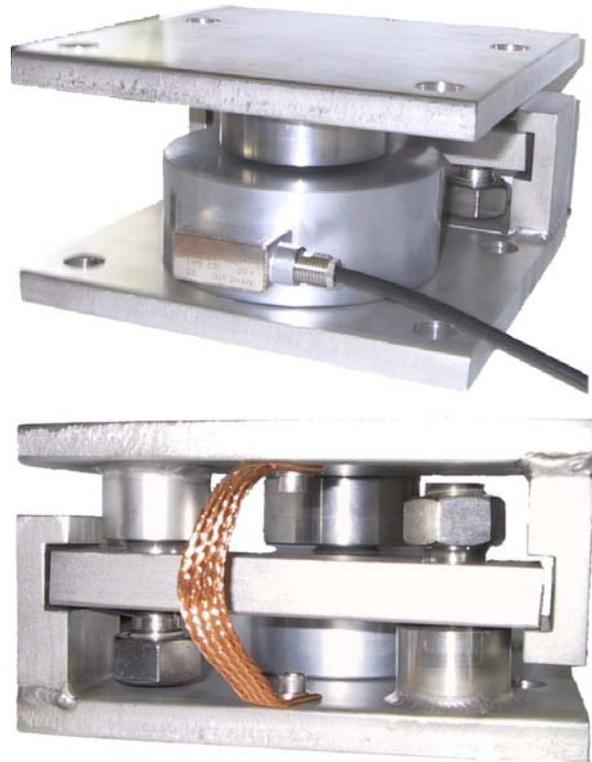
UPC3S Silo Weighing unit

This weighing unit, completely executed in stainless steel (AISI 304), has been designed to ease the installation of weighing and dosing systems, in tanks, bins and in static or vibrating hoppers.

A 20t or 30t C3S load cell can be paired to each unit to obtain an accuracy class of 3000 divisions and an IP68 protection class.

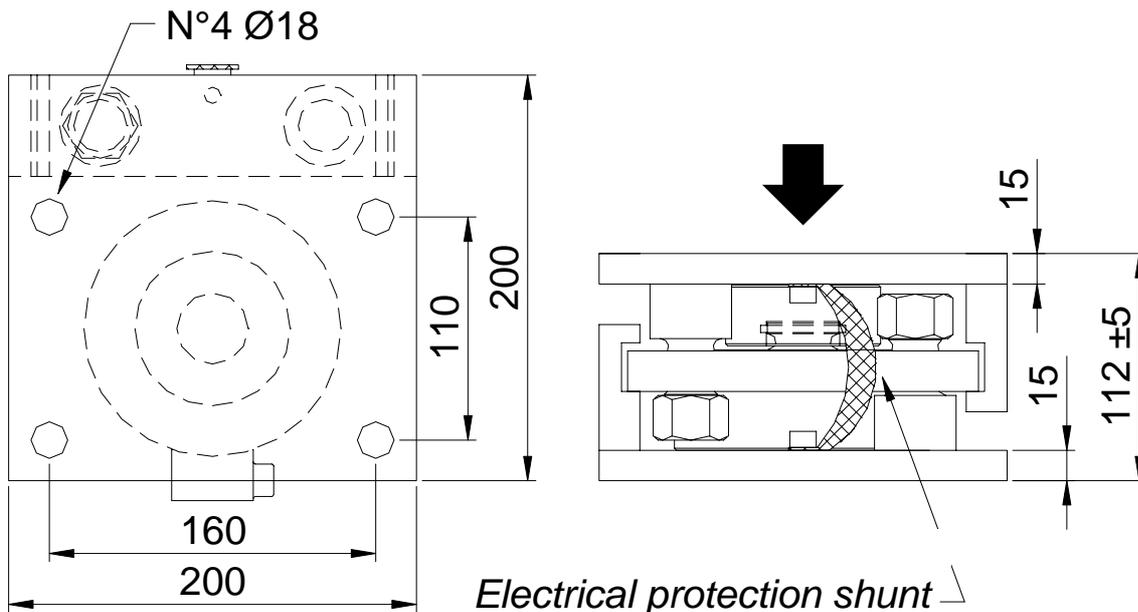
The weighing unit is equipped with **LOAD SELF ALIGNMENT** and **TRANSVERSE SHIFT COMPENSATION** to ensure **HIGH METROLOGICAL PERFORMANCES** even in presence of adjustments, thermal dilatation, positioning errors, transverse thrusts and structure deformation.

In addition to that, the UPC3S allows to easily replace the load cell, when necessary, thanks to the presence of **TWO JACKS**.



Dimensions

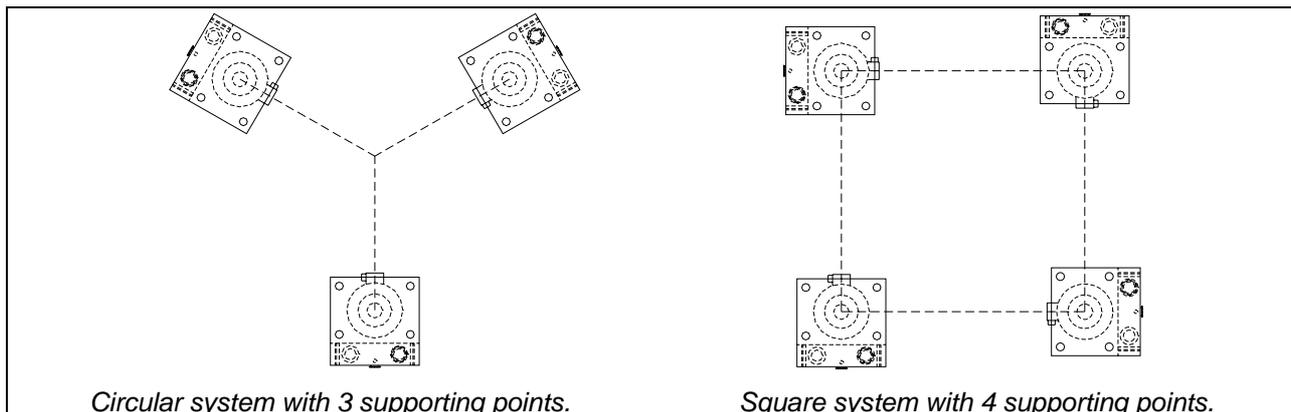
mm



CODE

UPC3S

Installation examples



Circular system with 3 supporting points.

Square system with 4 supporting points.

Technical Data



Material: stainless steel	AISI 304
Weight (with load cell)	~17.1 kg
Max lateral shift (X axis)	± 10 mm
Max. inclination	± 5°
Anti-flip-over system	Yes
Shift limiters	Yes
Retainer tie-rod	Yes
Automatic load alignment	Yes
Transverse shift compensation	Yes

ASSEMBLY INSTRUCTIONS

1. Fix the lower plates of the unit to the floor using M18 bolts.
2. Fix the weighing system to the upper plates of the unit using M18 bolts.
3. Connect the weighing units in use to the electrical earth, in accordance with all plant design regulations in force.

WARNING:

Take care to avoid accidental overloads of the load cells while assembling the unit.



Be sure that current does not pass through the load cell.
While welding, connect the ground clamp to the top of the weighing unit.



N.B. Technical data of the load cell are listed in the data sheet C3S.328



Distributor:

Nordic Transducer

Als Odde - DK9560 Hadsund Denmark
Tel. 045 98581444 Fax. 045 98581866

E-mail: ntt@ntt.dk Internet: <http://www.ntt.dk>