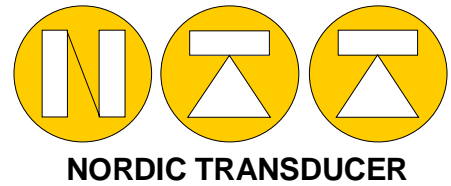


TYPE: TA-1 Shear beams from 500kg to 1.76t OIML R60 C3...C4



TA-1 is an environmentally sealed shear beam load cell which is excellent for use in floor scales, u-pallet scales, batching plants and other in/outdoor weighing applications.

Environmental protection are provided by special laser welding of metal covers for mechanical and environmentally protection of gauge area.

*TA-1i are made of stainless steel welded construction to IP68
Matched outputs are made on all cells within an accuracy of 0.01mV.*



TA-1 beams supplied in capacity from 500kg to 1.76t. all 2mV/V, OIML R60 C4
Also special silo mounts are available for this type of cell up to 1.76t capacity.

TA-1 SPECIFICATIONS

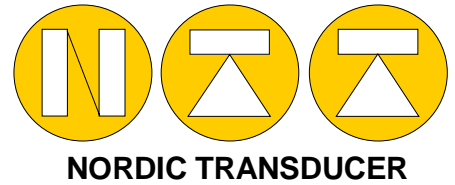
NOMINAL LOAD	500kg, 750kg, 1.0t, 1.1t, 1.5t 1.760t	a) minimum load	0%
Vmin: Emax	15000	b) service load	120%
COMBINED ERROR	< 0.02%	c) max. permissible load	150%
NON REPEATABILITY	< 0.02%	d) breaking load	>300%
CREEP (30min)	< 0.02%	e) max. side load	50%
TEMPERATURE EFFECT 10°C		DISPLACEMENT N. LOAD	0.4-mm
on zero	< +/- 0.03 %	NOMINAL TEMP. RANGE	- 10/+40 °C
on span	< +/- 0.008 %	SERVICE TEMP. RANGE	-20/+60 °C
NOMINAL SENSITIVITY +/-0.01	2mV/Volt	PROTECTION CLASS	IP68
INPUT RESISTANCE	350 +/-3 Ohm	PROTECTION	Welded
OUTPUT RESISTANCE	350 +/-3 Ohm	CELL MATERIAL	Stainless steel
ZERO BALANCE	1.0%	CABLE LENGTH	Ø4.5mm x 5m
SUPPLY VOLTAGE	5V - 15 Volt	CE Certification OIML R60	E-01.02.C07

All specifications subject to change without notice

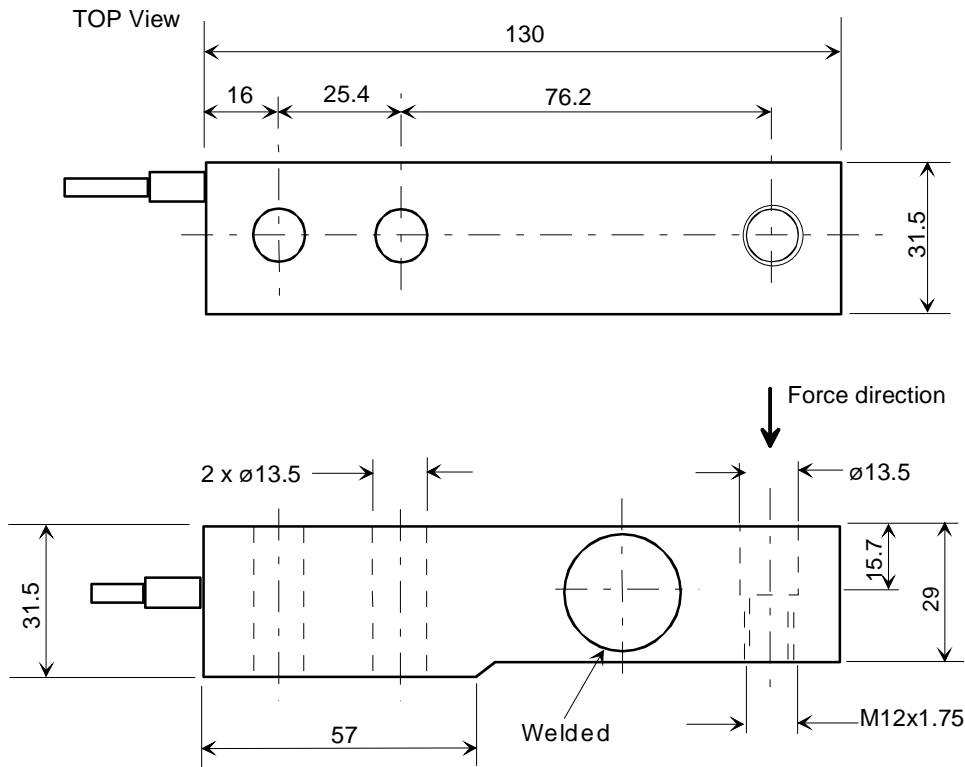
Cable color code

Red + Excitation Green + signal
Black - Excitation White - signal

TYPE: TA-1 beams from 500kg to 1.76t

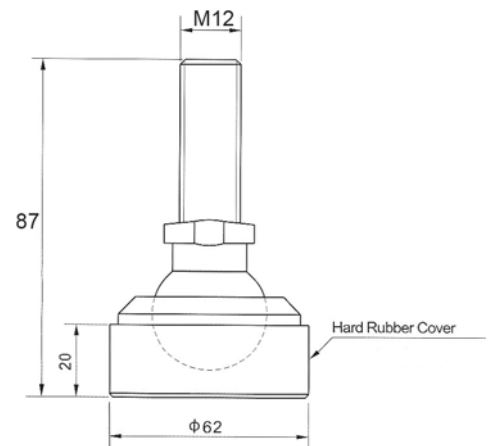


Dimensions mm



LHG005-02 ball bearing foot
for 500kg 1.76ton cells

Mounting on the floor
for support up under silo o.l.



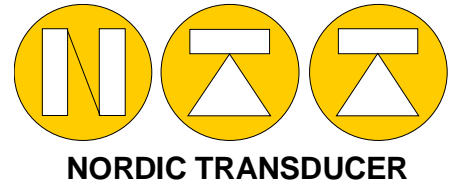
Min. 12mm for up to 1ton
1.76 ton min. 15mm

Mounting up under silo leg o.l.
for standing on floor.

Class 12.9 bolt should be used to get best result



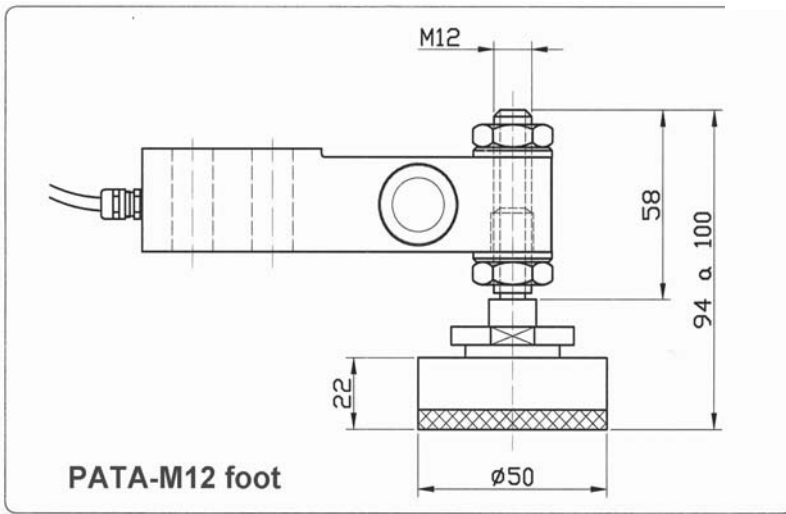
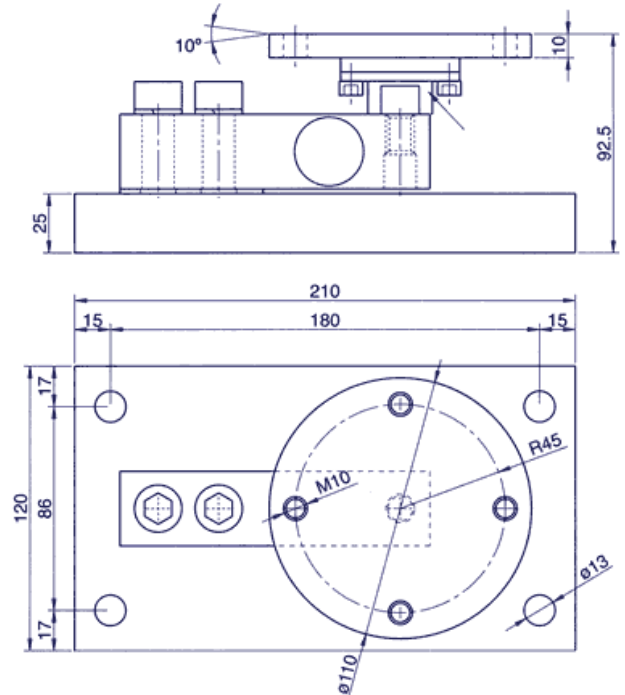
TYPE: TA-1i beams Tank supports



Tank weighing supports can also be supplied for TA-1i both in steel and stainless steel construction



Model TA-1i-ANTIV A Silo Mount



Model PATA-M12 Stainless Steel Adjustable foot for High Accuracy weighing

Model TA-ANTIV-SBG from 750 kg - 1760 kg with special vibraton damping support

