NEW DIMENSIONS 2019

NORDIC TRANSDUCER

Compression Load Cell

Type AC-2A - AC-2A/ANTIV

15 - 50ton

100* ton 150 & 200* ton

ANTIV-I/AC-2 Tank weighing unit.

Complies with 4000 divisions CE OIML-R60
Fully welded. Protected against humidity IP-68 (DIN 40050)
Manufactured complete in Stainless steel

AC-2A SPECIFICATIONS

NOMINAL LOAD	15 - 20 - 25 - 30 - 35 - 40 - 50 - 75t - 100* - 150* 200* ton		
Produced according to:	OIML R60 Class C3 / C4 (15t - 75t)		
Combined Error	< +/- 0.020%		
Non-Repeatability	< +/- 0.010%		
Zero Drift 30min.	< +/- 0.015%		
TEMPERATUR EFFECT 10°C			
on zero	< +/- 0.010 %		
on span	< +/- 0.010 %		
Vmin	Emax /10000		
NOMINAL SENSITIVITY+/-0.1%	2mV/Volt	a) minimum load	0%
INPUT RESISTANCE	800 Ohm +/-3 Ohm	b) service load	120%
OUTPUT RESISTANCE	700 Ohm +/- 3 Ohm	c) max. permissible load	150%
ZERO BALANCE	0.5%	d) breaking load	>300%
SUPPLY VOLTAGE N.10V	5 - 15 Volt	e) max. side load	10%
		max. side load with ANTIV-I	100%
		f) max. dynamic load	50%
		DISPLACEMENT N.LOAD	0.3mm
		TEMP. RANGE OIML R60	- 10/+40 °C
		PROTECTION CLASS	IP68
		CELL MATERIAL	Stainless Steel
		CABLE Ø 5.5mm length	15 meter

Wiring:

Excitation+	Red
Sense +	Yellow
Excitation-	Black
Sense -	Blue
Output+	Green
Output-	White

Sense wires optional !

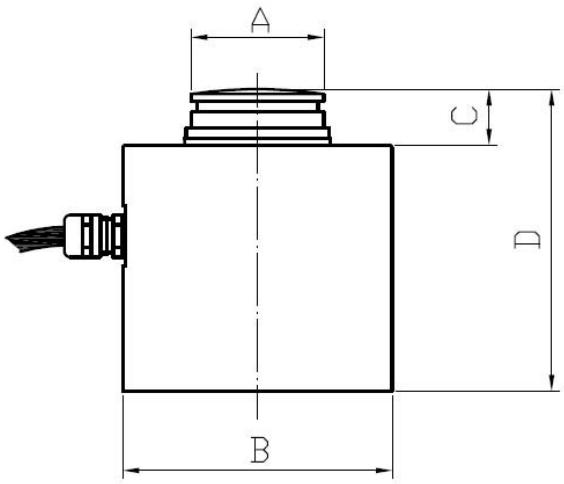
Nordic Transducer

All specifications subject to change without notice

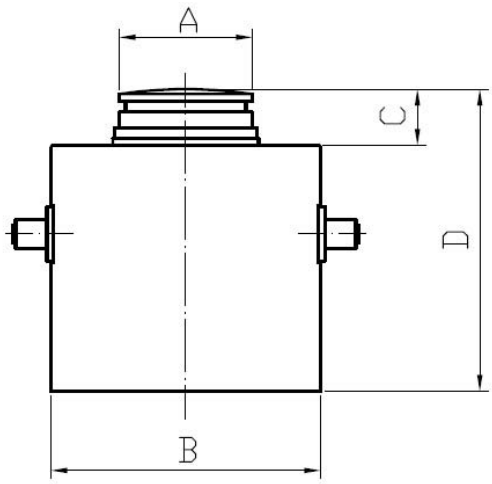
*CE test certificate only available

PM70\DATA\AC2A\30112014.01-rev.02- 02 092019

NORDIC TRANSDUCER



AC-2A
AC-2DP



AC-2DC

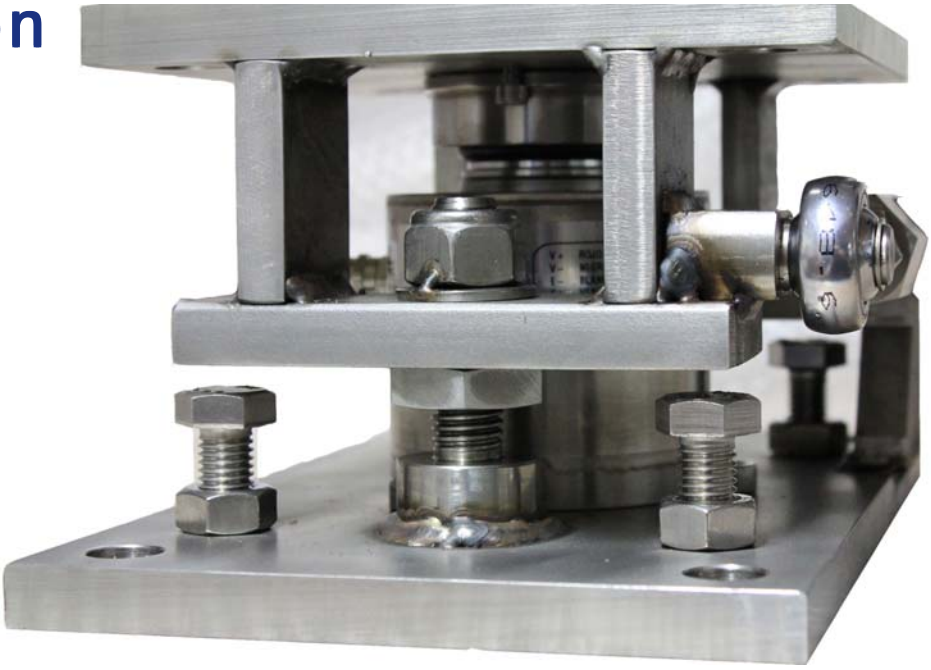
MODEL	CAPACITY (t)	A	B	C	D
AC-2	15,20,25,30,35 & 50	ø43.8	ø88.9	18.4	99.4
	75, 100 & 150	ø56	ø114.3	18.5	127.3

Nordic Transducer Als Odde, DK-9560 Hadsund Denmark E-mail: ntt@ntt.dk, WEB: www.ntt.dk

PM70\DATA\AC2A\30112014.01-rev.02- 02 092019

NORDIC TRANSDUCER

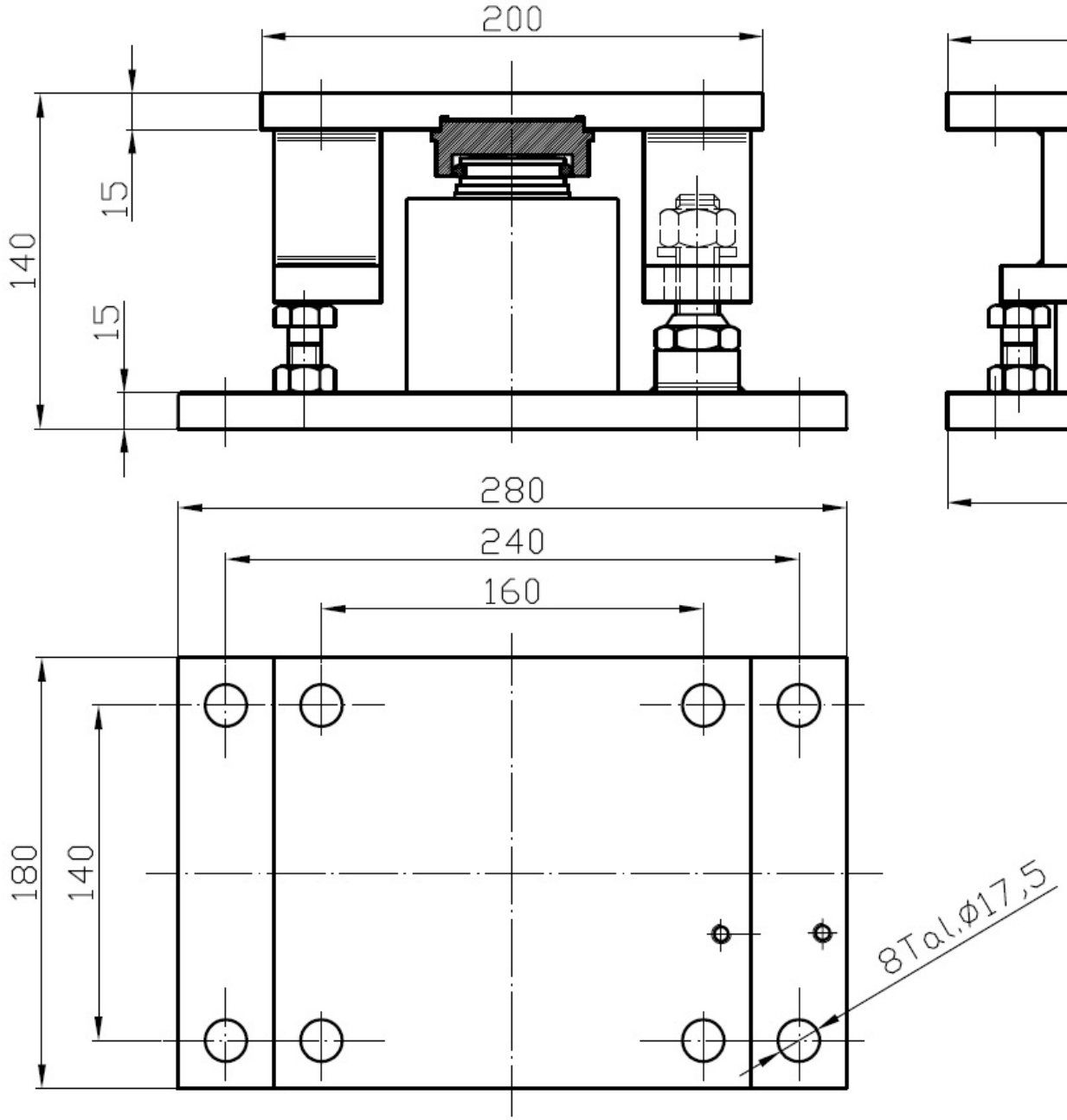
Type AC-2A/ANTIV
TANK MOUNT
15 - 50 ton



Maximum acceptable force in the arm direction : 54kN
Displacement transversal to the arm 4.5mm

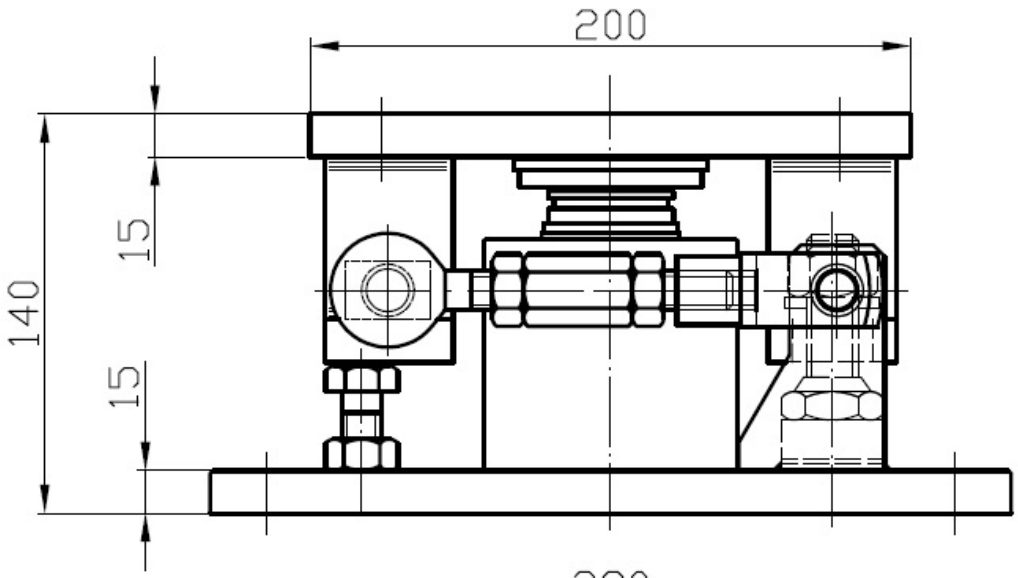
PM70\DATA\AC2A\30112014.01-rev.02- 02 092019

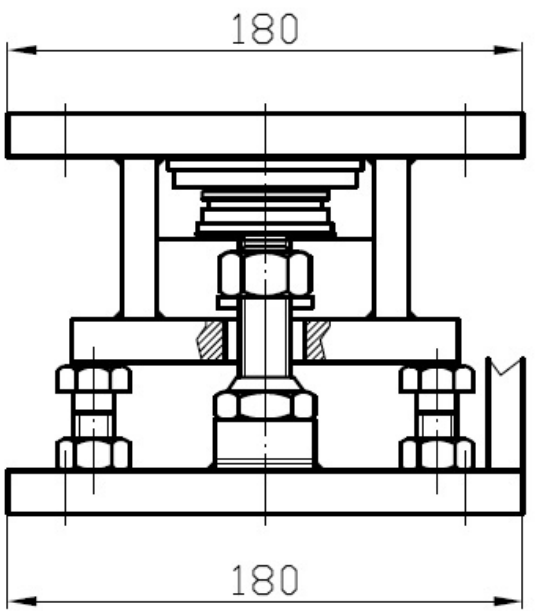
Nordic Transducer Als Odde, DK-9560 Hadsund Denmark E-mail: ntt@ntt.dk, WEB: www.ntt.dk



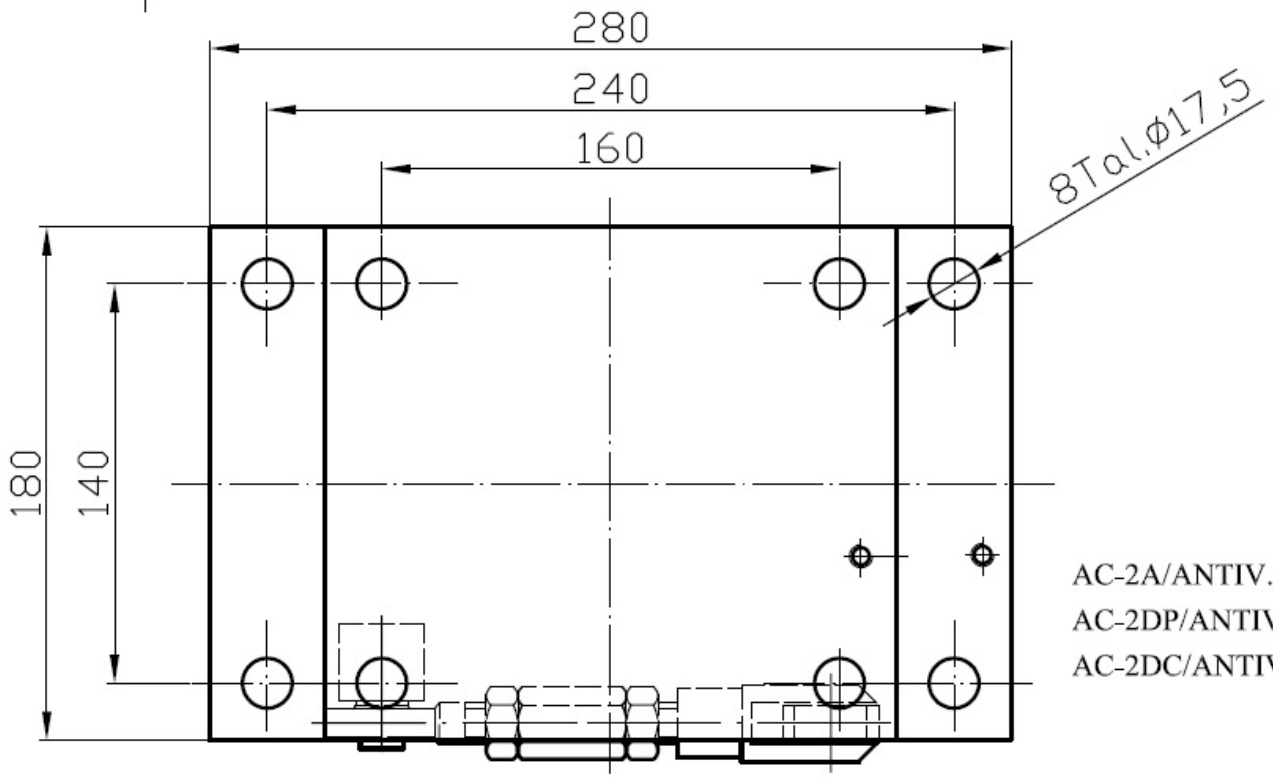
NORDIC TRANSDUCER

AC-2A/ANTIV. 10-40t.
AC-2DP/ANTIV. 10-40t.
AC-2DC/ANTIV. 10-40t.



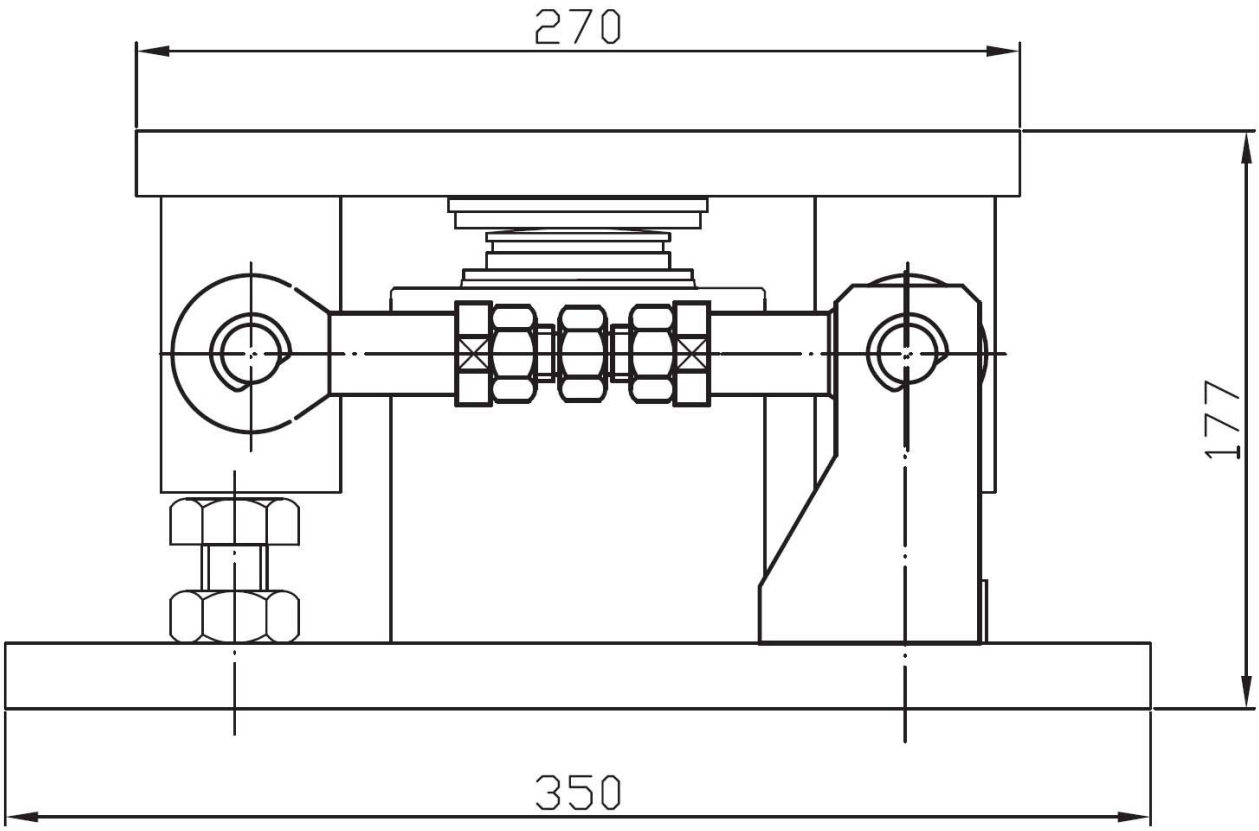


NORDIC TRANSDUCER

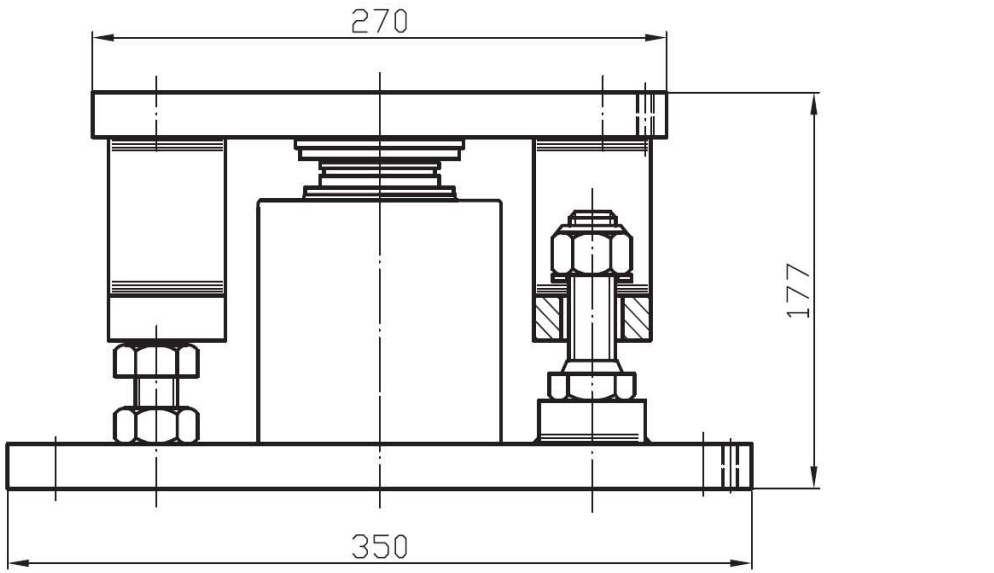


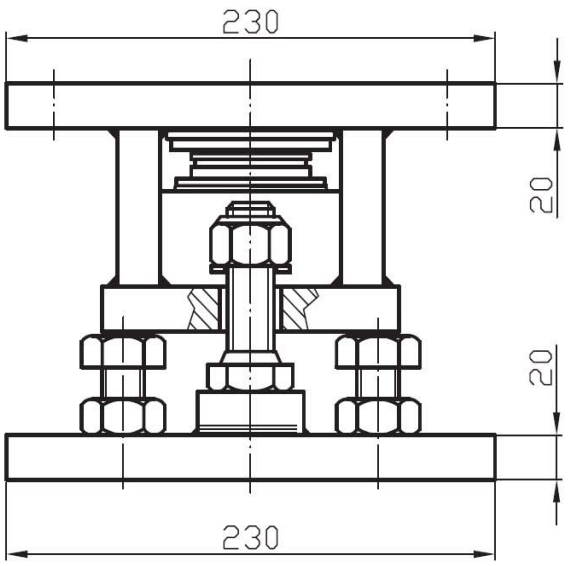
AC-2A/ANTIV. 10-40t.+ARM LIMITOR FOR LATERAL FORCES
AC-2DP/ANTIV. 10-40t.+ARM LIMITOR FOR LATERAL FORCES
AC-2DC/ANTIV. 10-40t.+ARM LIMITOR FOR LATERAL FORCES

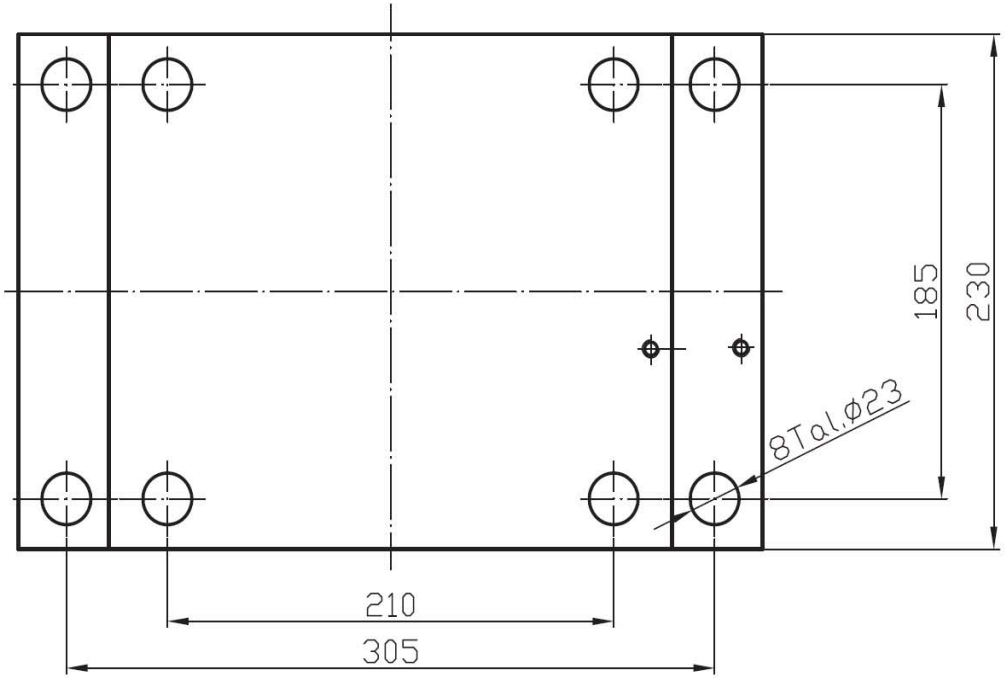
50-75-100t



PM70\DATA\AC2A\301120014.01-rev.02- 02 092019





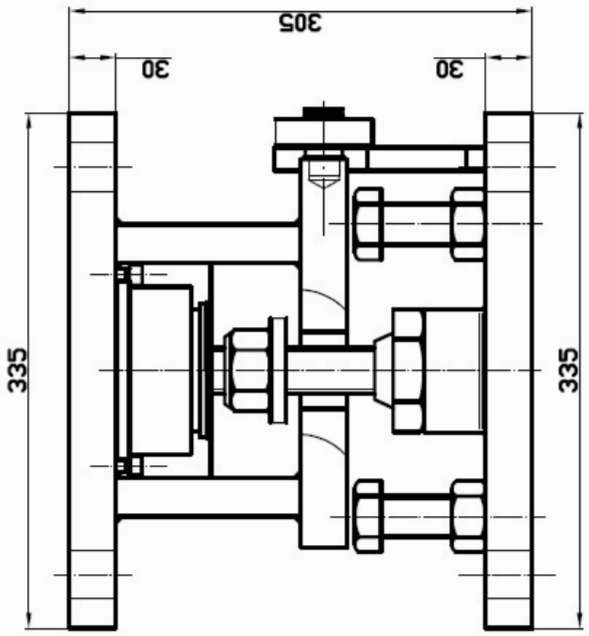


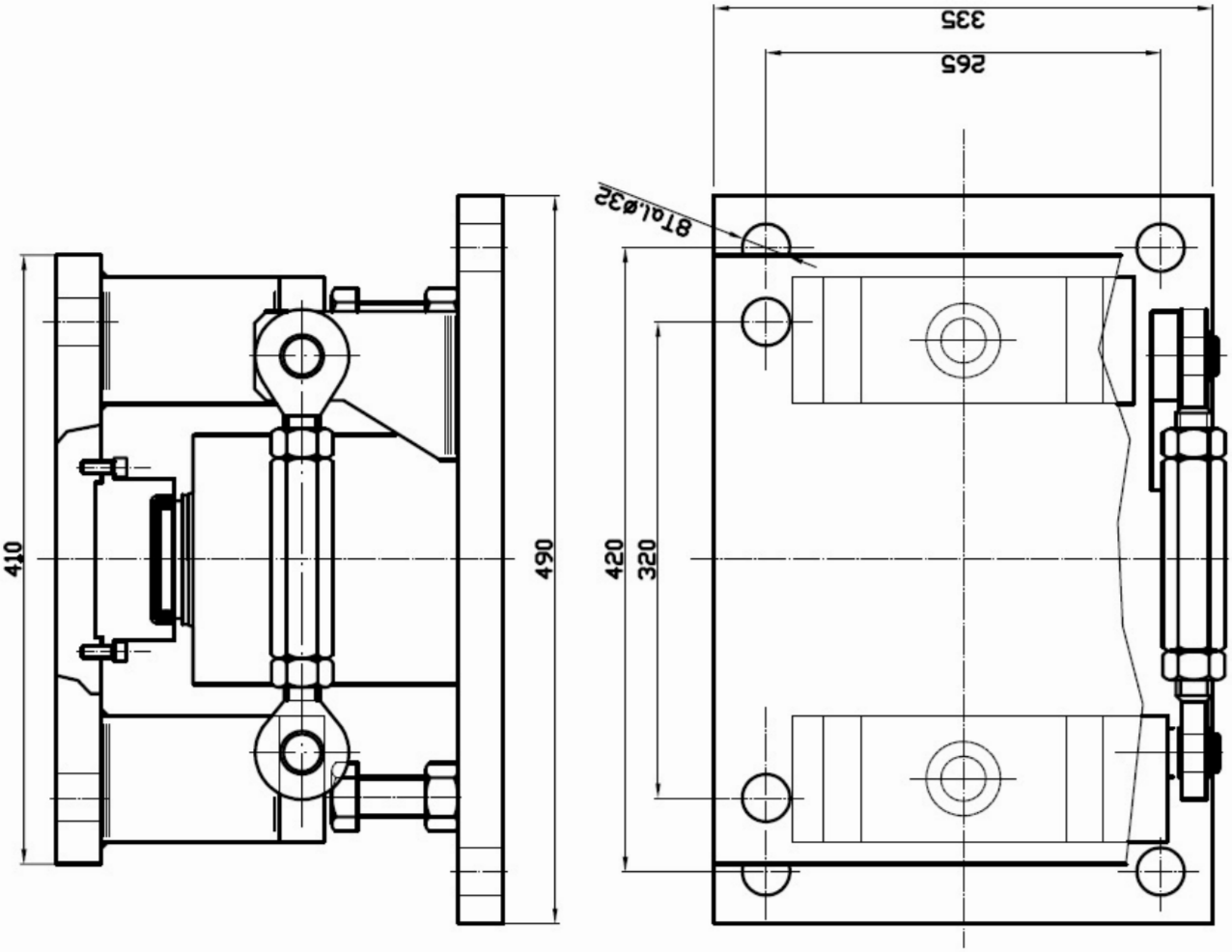
NORDIC TRANSDUCER

AC-2A/ANTIV. 50-75-100t
AC-2DP/ANTIV. 50-75-100t
AC-2DC/ANTIV. 50-75-100t

NORDIC TRANSDUCER

AC-2A/ANTIV. 200t.+ARM LIMITOR FOR LATERAL FORCES
AC-2DP/ANTIV. 200t.+ARM LIMITOR FOR LATERAL FORCES
AC-2DC/ANTIV. 200t.+ARM LIMITOR FOR LATERAL FORCES

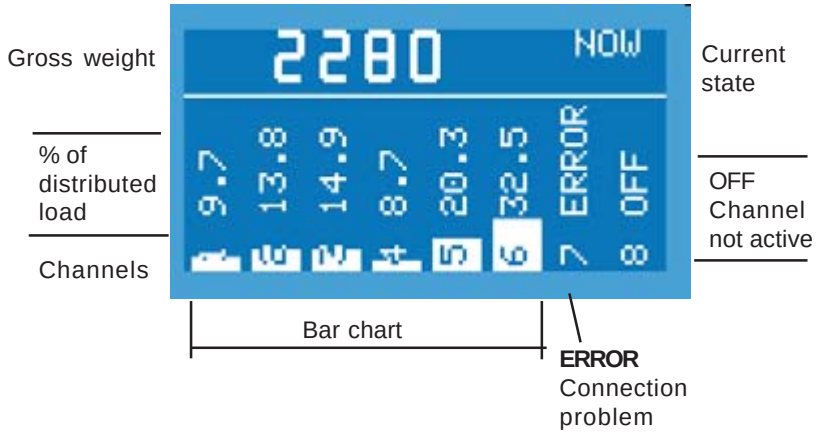




Nordic Transducer Als Odde, DK-9560 Hadsund Denmark E-mail: ntt@ntt.dk, WEB: www.ntt.dk

NORDIC TRANSDUCER

LOAD DISTRIBUTION
The **TLM8** displays graphically the current load distribution on each active channel.



TML8 Super modern instruments for hopper/siloweighing with buielt monetoring and direct management of the individual load cells connected

12 different communication ports as follows:

RS485 +Analog
CAN Open
DeviceNet
CC-Link
PROFIBUS DP
Modbus/TCP
Ethernet TCP/IP
2x Ethernet
2x PROFINET IO
2x EtherCAT
2x POWERLINK
2X SERCOS III

The **TLM8** displays graphically the load cells response signal in mV for each active channel.

PM70\DATA\AC2A\30112014.01-rev.02- 02 092019