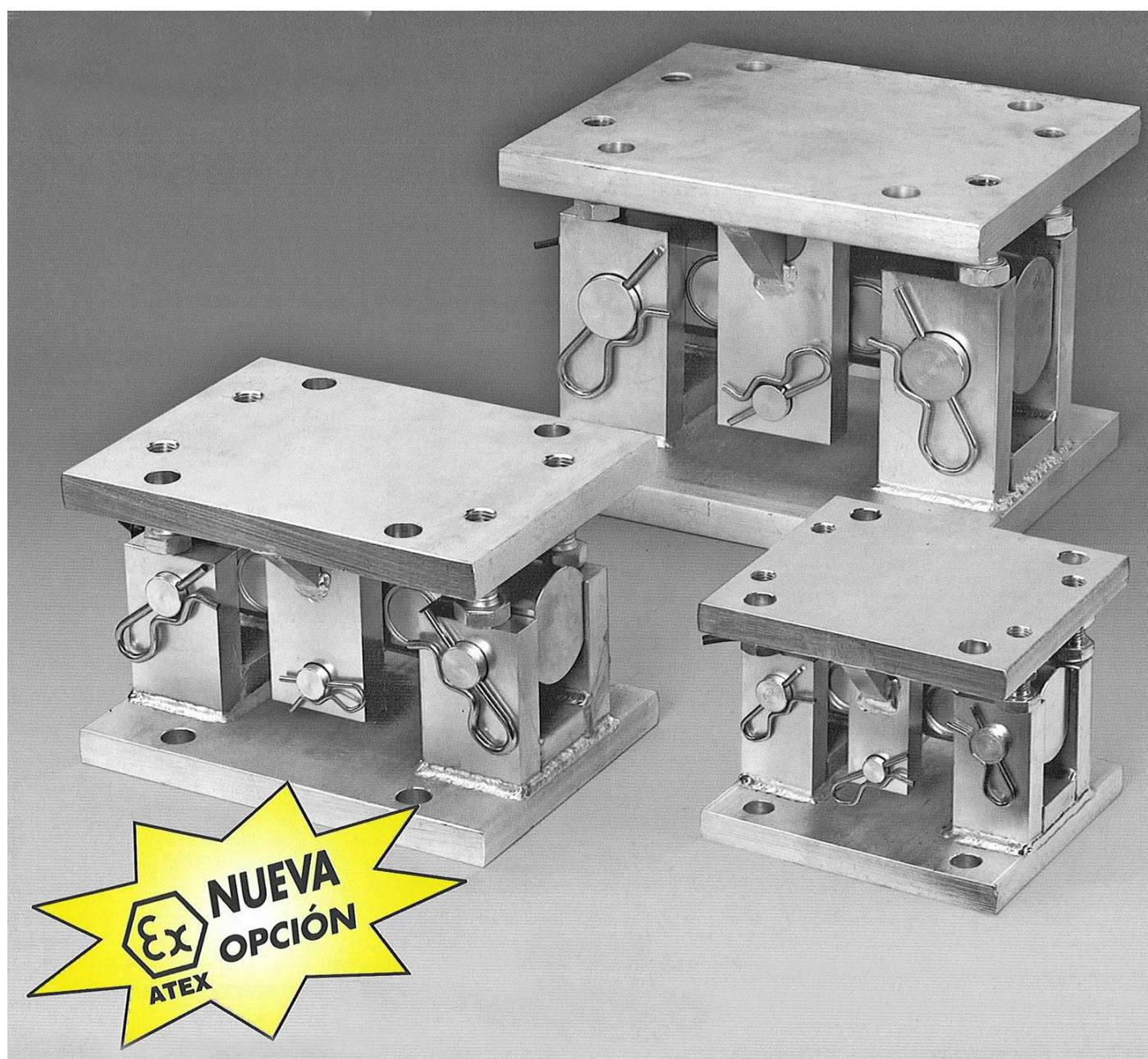
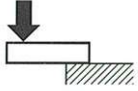


Load cells

NTD assembles load cells in its installations,
even in classified areas with ATEX certification.



Bending or shear



MOD. 300

3000 Div.
Double bending beam
Completely Stainless steel
Welded bellows
IP-68

Capacity kg

10 - 20 - 30 - 50
75 - 100 - 150
200 - 250 - 300

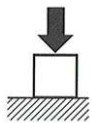
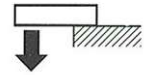


MOD. 340

3000 Div.
Double bending beam
Stainless steel
Welded bellows
IP-68

Capacity kg

15 - 30 - 50 - 75 - 100
150 - 200 - 250 - 300
500 - 750 - 1000

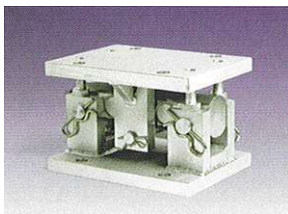
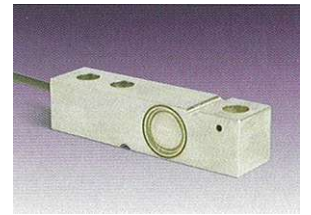


MOD. 350

3000 Div.
Shear
350 i: Inox-Sealed IP68
350 a: Inox-Silicone IP66
350 n: Nickel-Silicone IP66

Capacity kg

300 - 500 - 750 - 1000
1500 - 2000
3000 - 5000

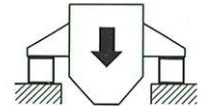


MOD. 460 + ACC.

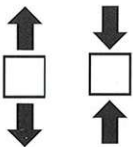
3000 Div.
Double shear
Stainless steel cell
Zinc plated structure
(Stainless steel optional)
Welded seal IP-68

Capacity t

5 - 10 - 20 - 30 - 50
75 - 100



Tension or compression



MOD. 650

3000 Div. (*2000 Div.)
Tension - Compression
Stainless steel
Welded seal, IP-68

Capacity kg

250* - 500 - 1000
2000 - 5000

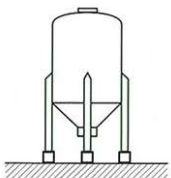
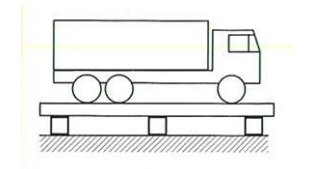


Compression or shear



MOD. 740

3000 Div. 15 - 20 - 25 - 30 - 40 - 60
* 1000 Div. 100* - 200* - 400*
Self-centering column
Stainless steel
Lightning protection
Welded seal, IP-68
Digital model, optional



MOD. 750

3000 Div.
Double shear
Welded seal, IP-68
750 a: Painted steel
750 i: Stainless steel

Capacity t

7,5 - 10 - 15
20 - 25 - 30



ATEX certification



SPECIFIC MARKING



II

1

GD

Specific marking for explosive atmospheres protection

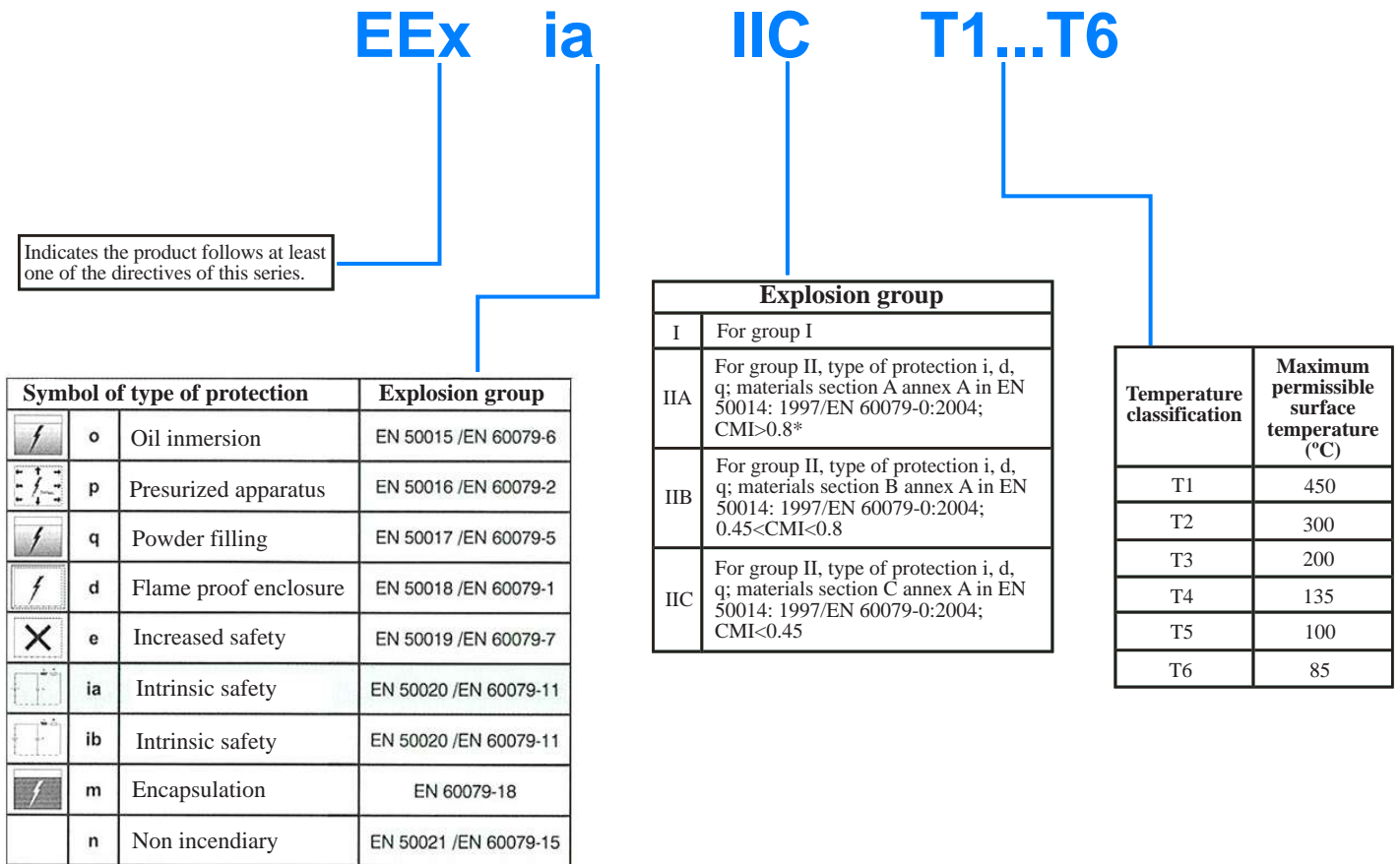
GROUP	
I	Equipment intended for use in underground parts of mines, and in those parts of surface installations of such mines, liable to be endangered by firedamp and/or explosive dust.
II	Equipment intended for use in other places liable to be endangered by explosive atmospheres.

Category	Suitable for areas
M1	n/a
M2	n/a
1	0, 1, 2, 20, 21, 22
2	1, 2, 21, 22
3	2, 22

GROUP (risk of explosion FOR)	
G	Gases, vapours, mists
D	Dust
GD	Gases, vapour, mists or dust

Group	Category	Level of protection	Protection offered	Terms of operation	Complementary requirements (ATEX directives)	Area		Probability of explosive atmosphere formation
						G	D	
I	M1	Very high	Two separate means of protection ensure the protection in the event of two faults occurring independently of each other.	Power supply is not cut off. The equipment remains functional with an explosive atmosphere present.	-Section 2.0.1., Annex II -(Annex III, IV, V) or (Annex IX) (see section 8)	n/a	n/a	SAFE
I	M2	High	Suitable for normal operation and harsh conditions.	Power supply is cut off with an explosive atmosphere present.	-Section 2.0.2., Annex II -(Annex III, IV, VII) or (Annex IX) (see section 8)	n/a	n/a	SAFE
II	1	Very high	Two separate means of protection ensure the protection in the event of two faults occurring independently of each other.	Power supply is not cut off. The equipment remains functional in areas 0, 1, 2 (G) or 21, 22 (D).	-Section 2.1., Annex II -(Annex III, VI, V) or (Annex IX) (see section 8)	0 1 2	20 21 22	HIGH PROBABILITY
II	2	High	Suitable for normal operation and in the event of frequent breakdowns or operation faults which normally have to be taken into account.	Power supply is not cut off. The equipment remains functional in areas 1, 2 (G) or 21, 22 (D).	-Section 2.2., Annex II -(Annex III or Annex IX (see section 8)	1 2		PROBABLE
II	3	Normal	Suitable for normal operation.	Power supply is not cut off. The equipment remains functional in areas 2 (G) or 22 (D).	-Section 2.3., Annex II -Annex VIII or Annex IX (see section 8)			LOW PROBABILITY

ADDITIONAL MARKING



The directive 94/9/CE "ATEX" (equipment and protective systems intended for use in potentially explosives atmospheres) in weighing systems:

Objective:

All equipment installed in atmospheres potentially explosive must have **ATEX** certificate. These guarantees that these equipments are safe and are not capable of causing any explosion.

Stages of application:

- 1° 1st. july 2003: for all new commercialized equipments.
- 2° 1st. july 2006: for all equipments in existance.

Consequences:

The last stage of ATEX directive comes into force the 1st. July 2006 by which all weighing equipments installed in potentially explosive atmospheres must have ATEX certification. The first stage which came into force the 1st. July 2003, bound only the new equipment assembled and installed from the date; which means the present renovation of all the "former" weighing equipments which have not the ATEX certification.