

# BP SERIES WEIGHING BEAMS



Pair of sturdy and versatile modular weighing bars, easy to fit under any type of weighing structure. These are suitable for weighing rigid structures (hoppers, conveyor belts, roller units, tanks, crates, etc.). Standard version is with approved load cell.

## MAIN FEATURES

- Functions with 4 IP68 STAINLESS steel shear-beam approved load cells (BPL) and with 2 aluminium off-center approved load cells (BPS-BPM-BPX), made according to OIML R60 standards with protection against dust and moisture according to IP65 standards (350 Ohm input resistance).
- The structure is made in section and sheet oven-fire painted carbon steel, fitted with articulated joints for compensating the bending and/or expansion of the structure to be weighed, and with stops for protection from accidental bumps.
- Screened 3m long 4-pin cable for connecting each bar with the fitted junction box.
- Up to 15 Vdc power supply.
- IP67 hermetic equalised junction box with screened 5m long 6-pin cable with connectors for connection to the indicator.
- The STAINLESS STEEL model has the structure, mechanics, and trinkets in AISI304 and the load cells are treated with an anticorrosion treatment.

## OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Connection to the indicator and calibration with CE-M 3000e single range or 3000e+3000e dual range approval (with indicators of our production).
- High resolution model for internal factory use.

## OPTIONS FOR ATEX VERSION

- CCATEX: ATEX certificate for each load cell.
- JB4QA: ATEX certified junction box.
- DCATEXMECH: Declaration of conformity of the whole system composed of PLATFORM + JUNCTION BOX + LOAD CELLS (only if the platform is ordered without the weight indicator; otherwise, refer to the certifications available for the indicator to which it will be connected).

## Available versions

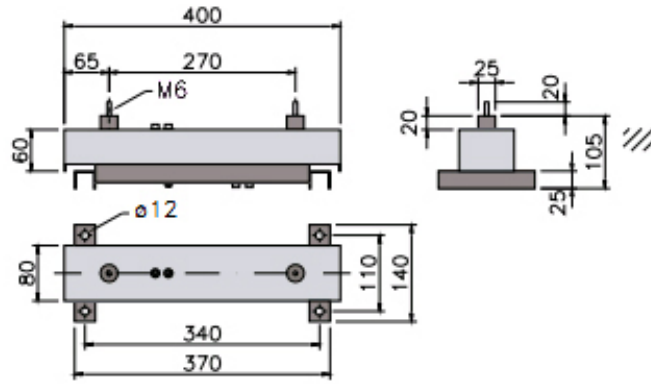
Code	Dimensions (LxPxH)	Max Capacity kg	Standard Division g	CE-M Division g (*)	CE-M2 Division g (*)	HR Division g (*)
BPSI15	400x80x105	15	2	5	--	1
BPSI30	400x80x105	30	5	10	5-10	2
BPSI60	400x80x105	60	10	20	--	5
BPSI150	400x80x105	150	20	50	20-50	10
BPM60	600x105x130	60	10	20	10-20	5
BPM150	600x105x130	150	20	50	20-50	10
BPM300	600x105x130	300	50	100	50-100	20
BPX150	800x135x130	150	20	50	20-50	10
BPX300	800x135x130	300	50	100	50-100	20
BPX600	800x135x130	600	100	200	100-200	50
BPL600	1200x150x120	600	100	200	100-200	50
BPL1500	1200x150x120	1500	200	500	200-500	100
BPL3000	1200x150x120	3000	500	1000	500-1000	200
BPL6000	1200x150x120	6000	1000	2000	1000-2000	500

(\*) These divisions are obtainable only with the relative options

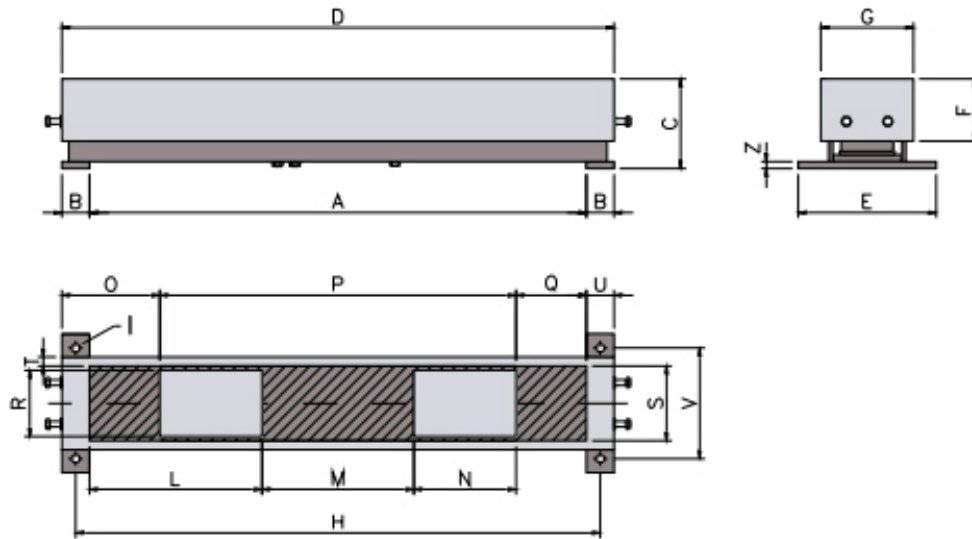
## Options only available at time of order

Code	Description
BPCEM1	Connection to indicator and calibration with CE-M 3000e approval (with feet and level)
BPCEM2	Connection to indicator and calibration with CE-M 2x3000e approval (with feet and level)
HR	High resolution (HR) model
CCATEX	ATEX certificate for each load cell for the following categories: II 1G EExia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) II 1D tD A20 TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C).
JB2QAI	Junction and equalisation box with 2 inputs, for ATEX environments, in IP66 stainless steel. Protection degree: II 2G EEx ib IIC T6 for gases. II 2D Ex tD A21 IP65 T115°C for dust.
JB4QA	Junction and equalisation box with 4 inputs, for ATEX environments, in IP67 ABS. Protection degree:

**BPS**

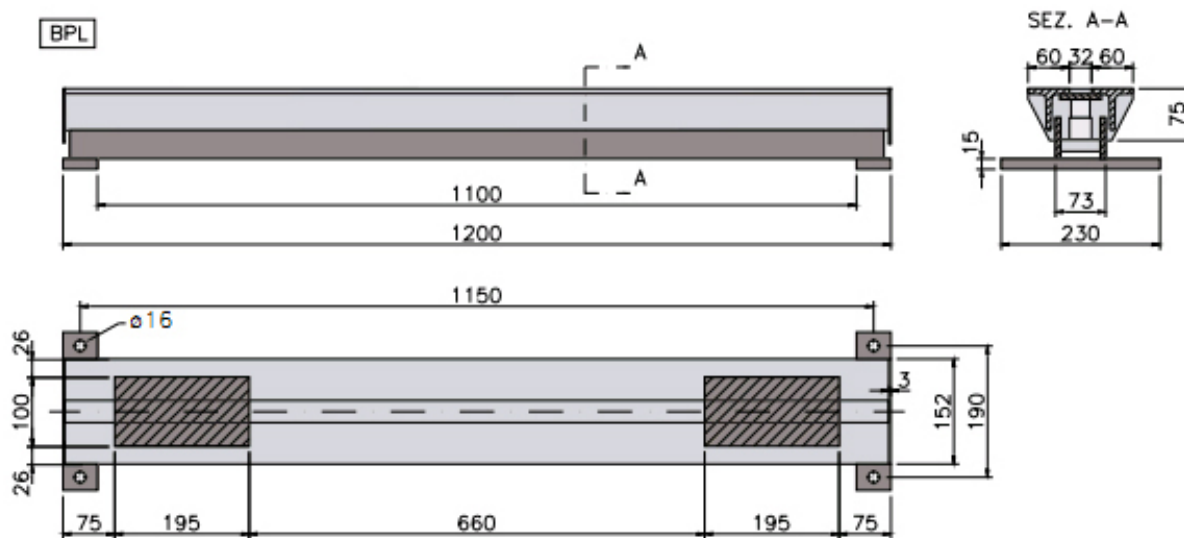


**BPM/BPX**



	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	V	Z
<b>BPM</b>	520	40	130	600	170	90	105	560	12	182.5	160	107.5	112.5	375	75	70	82	11.5	37.5	130	10
<b>BPX</b>	720	40	130	800	200	90	134	760	12	250	220	148	142	516	102	96	108	13	40	160	10

**BPL**



DIMENSIONS IN MM



Areas which may be perforated



Areas which may not be perforated

