DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

BP

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.

The best solution for advanced industrial applications

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 water splashes 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.
- Shielded 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 shielded 5m long 6-pin cable with connectors for connection to the indicator.
- The STAINLESS STEEL model has the structure, and mechanics in AISI304 and the load cells are treated with an anticorrosion treatment.

OPTIONS FOR ATEX VERSION

- CCATEX: ATEX certificate for each load cell.
- JB4QA: ATEX certified junction box.
- DCATEXMECH: ATEX declaration for the PLATFORM (for the load cells ATEX declaration see CCATEX-1 code). Option to be offered only if the platform is ordered without the indicator, if so, refer to the chosen weight indicator available certifications.



WARNING
With ATEX weighing systems, when directly weighing light metals (such as aluminum, magnesium, titanium and their alloys), it is necessary that the surface of the installed structure, above the bars, be in stainless steel.

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.

DETAIL 1



VERSIONS

Available versions

Codice	l x w x h (mm)	Max (kg)	d (g)	M (g)*	M 2R (g)*	d HR (g)*
BPSI15 INOX	400x80x105	15	2	5	--	1
BPSI30 INOX	400x80x105	30	5	10	5-10	2
BPSI60 INOX	400x80x105	60	10	20	--	5
BPSI150 INOX	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

(*) Divisions obtainable only with the relative options, in combination with Dini Argeo weight indicator.

www.diniargeo.com



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SALES AND TECHNICAL ASSISTANCE SERVICE

All the specifications and images can be subject to variations and upgrades without prior notice.