

## SBZ

### ALUMINIUM SHEAR BEAM LOAD CELLS "SBZ"



Lightweight aluminium Shear Beam load cells, especially indicated to create 4 load cells floor scales.

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**CAPACITIES (kg):** 300, 500, 1000.

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**OIML R60. C3** precision class.

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**Aluminium.IP67** protection.

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The best solution  
for advanced industrial  
applications

## MAIN FEATURES

- OIML R60 APPROVED
- C3 PRECISION CLASS
- ALUMINIUM CONSTRUCTION
- IP67 PROTECTION DEGREE
- MAX. CAPACITIES 300kg - 500kg - 1000kg
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## TECHNICAL FEATURES

- Full scale output (FS):  $2.0\text{mV/V} \pm 0.1\%$
- Maximum number of verification intervals (nLC): 3000
- Minimum verification interval  $V_{\text{min}}$  ( $Y=E_{\text{max}}/V_{\text{min}}$ ): 10000
- Combined error (%FS):  $\leq \pm 0.03$
- Repeatability:  $0,02\%$   $E_{\text{max}}$
- Creep error after 30 minutes:  $0,03\%$  di  $E_{\text{max}}$
- Zero balance:  $< \pm 1\%$  di  $E_{\text{max}}$
- Power supply (recomended): 10 Vdc
- Power supply (ultimate): 15Vdc
- Input resistance:  $1000 \pm 20\Omega$
- Output resistance:  $1000 \pm 20\Omega$
- Insulation resistance:  $\geq 5000\text{M}\Omega$
- Compensated Temperature Range :  $-10 \sim +50 \text{ }^\circ\text{C}$
- Operating Temperature Range:  $-20 \sim +60 \text{ }^\circ\text{C}$
- Safe overload: 120 % di  $E_{\text{max}}$
- 2m shielded connection wire

## DETAIL 1

IN +	Red
IN -	Black
SIG (OUT) +	Green
SIG (OUT) -	White

SHIELD	Metal
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## VERSIONS

### Available versions

Codice	Max (kg)
SBZ300-1KL	300
SBZ500-1KL	500
SBZ1000-1KL	1000



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**DINI ARGEO**  
**FRANCE** sarl  
Nogent-sur-Marne  
info.fr@diniargeo.com

**DINI ARGEO**  
**GMBH**  
Sinsheim - Germany  
info.de@diniargeo.com

**DINI ARGEO**  
**UK Ltd**  
Taunton - United Kingdom  
info.uk@diniargeo.com

**DINI ARGEO WEIGHING**  
**INSTRUMENTS Ltd**  
Shanghai - China  
info.cn@diniargeo.com

**DINI ARGEO**  
**WEIGHBRIDGES**  
Calto (RO) – Italy  
info@diniargeo.com



**HEAD OFFICE**

Via Della Fisica, 20  
41042 Spezzano di Fiorano Modena - Italy  
Tel. +39.0536 843418 Fax. +39.0536 843521  
info@diniargeo.com

**SERVICE ASSISTANCE**

Via Dell'Elettronica, 15  
41042 Spezzano di Fiorano Modena - Italy  
Tel. +39.0536 921784 Fax. +39.0536 926654  
service@diniargeo.com



SALES AND TECHNICAL ASSISTANCE SERVICE

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