SAUTER

# PRODUCT BROCHURE

# SAUTER CB 500-3Q1

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ENGLISH



Bending beam and shear beam load cell made from stainless steel


## CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com


Scan here for more information

## DESCRIPTION

- CE and RoHS compliant
- Area of application: Measuring mass as well as compressive force in harsh environments
- Suitable for platform scales, weigh hoppers, floor scales and other weighing devices

## SPECIFICATIONS

### Article codes, product groups & Status information

| | |
|---|---|
| Model article-code | CB 500-3Q1 |
| Model-Serie | CB Q1 |
| Assortment | Sauter |
| Product Type | Measuring cells |
| Product group | Bending bar weighing cells |
| Product usage type | Main item;Accessories/Services |
| EAN code (Model) | 4045761220737 |
| Customs tariff number | 84239010 |
| CE Label | yes |
| Country of Origin | ES |

### Technical data - Primary

| | |
|---|---|
| Force directions | compression |
| OIML class | C3 |
| Weighing capacity | 500 kg |

### Technical data - Construction

| | |
|---|---|
| IP Protection | IP68;IP69K |
| Material | stainless steel |
| cable length | 3 m |
| Mounting force in | through hole Ø8.2mm |
| Mounting force out | 2x through hole Ø8.2mm |

### Technical data - Power supply

| | |
|---|---|
| Excitation Voltage min. | 10 V |
| Excitation Voltage max. | 15 V |

### Technical data - Measuring system

| | |
|---|---|
| Full scale output | 2 mV/V |
| combined error | 0,017% |
| load cell connection | 4-guide |
| measuring applications | mass |

### Technical data - Environmental conditions

| | |
|---|---|
| Usage Temperature (min) | -10 °C |
| Usage temperature (max) | 40 °C |

### Technical data - Packing & Shipping

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| | |
|---|---|
| Dimensions packaging (W×D×H) | 250×155×60 mm |
| Gross weight | 0.60 kg |
| Net weight | 0.50 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - cardboard | 242 g |
| Packaging component - by weight - plastics | 5 g |
| Delivery time | 1 d |

## Technical data - Verification

| | |
|---|---|
| Resolution loadcell (e) | 3000 e |

## FUNCTIONS

Standard




Option




## ACCESSORIES

| Model | Description |
|---|---|
| CE Q30901 | Traction device SAUTER CE Q30901 |
| CE Q30906 | Elastomer bearing with hold-down device CE Q34906 |
| CE Q30903 | Base Plate SAUTER CE Q30903 |
| CE RQ30903 | Base Plate SAUTER CE RQ30903 |
| CE RQ30907 | Load corner SAUTER CE RQ30907 |
| CE WT1-Y1 | Analogue Weighing Transmitter SAUTER CE WT1-Y1 |
| CE WT3-Y1 | Analogue Weighing Transmitter SAUTER CE WT3-Y1 |

| Model | Description |
|---|---|
| CE WT1-Y2 | Analogue Weighing Transmitter SAUTER CE WT1-Y2 |

## SERVICES

| Model | Description |
|---|---|
| 965-413 | Assembly of components (> 350 kg - 1500 kg) 965-413 |
| 963-263V | DAkkS Calibration KERN 963-263V |