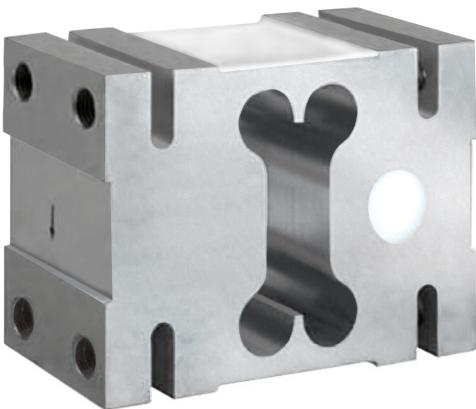


## General information

PWS18220260218

The off center load cell 1320, made of aluminum, is ideal for large-scale single-cell platforms, dynamometers and weight controllers. This load cell maintains precision in any position the object is loaded and this solves the problems that usually occur in weighing systems if the object does not rest exactly on the center of the cell. The off-center load cell 1320 has optional functions and can be customized according to customer needs. It has a 5-meter shielded 4-conductor cable.



## Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

**Off Center load cell C2G1**

**Off Center load cell CB004**

**Off Center load cell CB14**

**Off Center load cell U2D1**

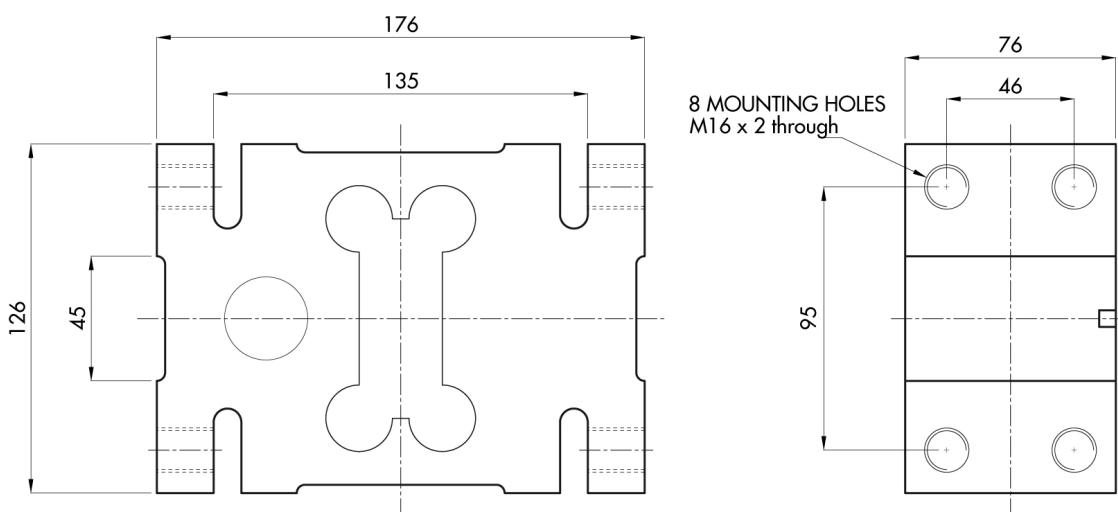
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

PWS18220260218

|  |                              |
|--|------------------------------|
| <b>Rated Load (RL):</b>                    | 1, 1.5, 2 t                  |
| <b>Combined error:</b>                     | ±0.02 % RL                   |
| <b>Repeatability:</b>                      | ±0.015 % RO                  |
| <b>Creep (30 minutes):</b>                 | ±0.0170 % of applied load    |
| <b>Ultimate overload:</b>                  | 150 % RL                     |
| <b>Visible resolution (in divisions):</b>  | 3000                         |
| <b>Compensated Temperature:</b>            | -10 ÷ + 40 °C                |
| <b>Temperature range:</b>                  | -30 ÷ +70 °C                 |
| <b>Temperature effect on zero balance:</b> | ±0.0023 % RO/°C              |
| <b>Temperature effect on output:</b>       | ±0.0010 % of applied load/°C |
| <b>Rated output RO:</b>                    | ±0.2 mV/V                    |
| <b>Zero balance:</b>                       | ±0.2 mV/V                    |
| <b>Insulation resistance:</b>              | >2000 MΩ                     |
| <b>Cable Length:</b>                       | 5 m                          |
| <b>Impedance:</b>                          | 415 ÷ 15 Ohm                 |
| <b>Maximum excitation:</b>                 | 15 Vdc/ac RMS                |
| <b>Excitation recommended:</b>             | 10 Vdc/ac RMS                |
| <b>Output impedance:</b>                   | 350 ±3 Ohm                   |
| <b>Ultimate central overload:</b>          | 300 % RL                     |
| <b>Rated output tolerance:</b>             | ±0.2 mV/V                    |

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