

## General information

PWS12720250906

The SB HT load cell is ideal for high temperatures and it is designed for weighing hoppers and tanks and for the construction of low-profile platforms. When used with its mounting accessories, it avoids the use of mechanical constraints. The SB HT cell has excellent characteristics of linearity, precision and resistance, even at lateral loads of over 50%. The SB HT cell is made of stainless steel and has a watertight protection for use in severe environmental conditions.



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

## Technical specifications

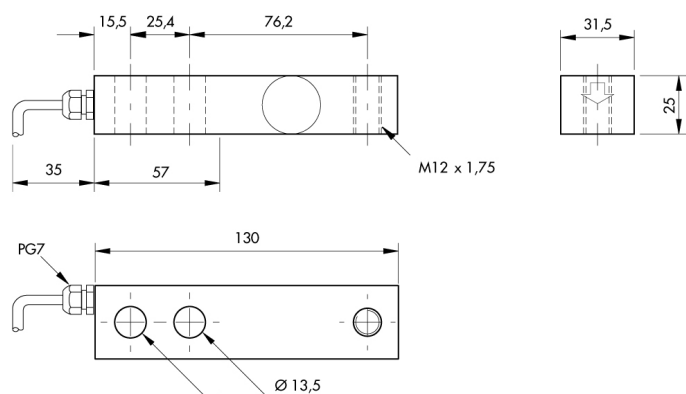
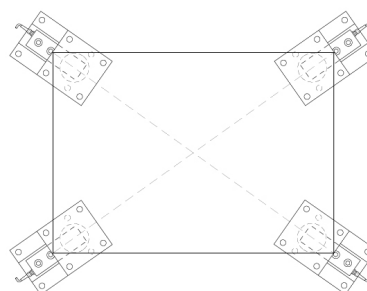
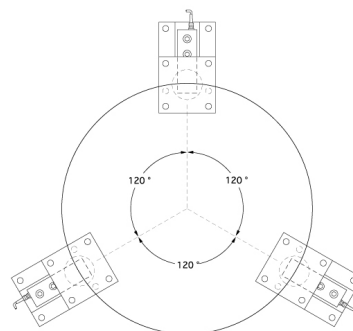
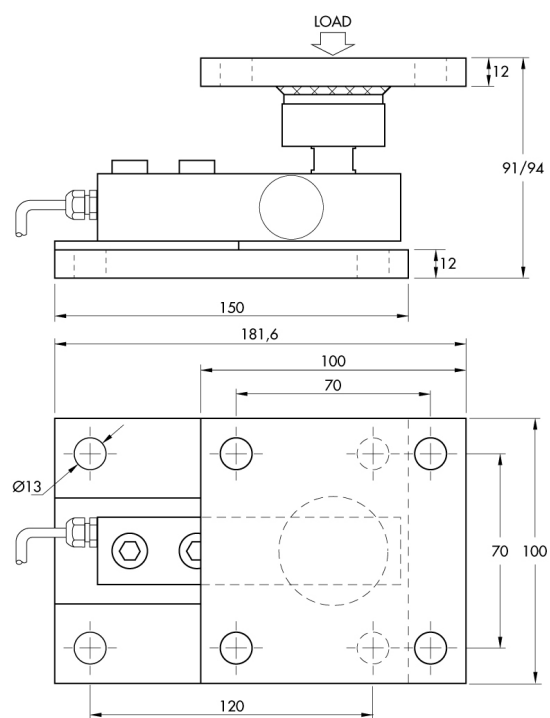
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|  |                             |
|--|-----------------------------|
| <b>Rated load (RL):</b>                    | 75, 125, 150, 250 Kg        |
| <b>Combined error:</b>                     | ±0.025 % RO                 |
| <b>Repeatability:</b>                      | ±0.01 % RO                  |
| <b>Creep (20 minutes):</b>                 | ±0.03 % RO                  |
| <b>Safe overload:</b>                      | 150 % RL                    |
| <b>Ultimate overload:</b>                  | > 300 % RL                  |
| <b>Material:</b>                           | Stainless steel AISI 17-4PH |
| <b>Degree of protection:</b>               | IP65                        |
| <b>Deflection:</b>                         | < 0.5 mm                    |
| <b>Compensated Temperature:</b>            | -10 ÷ +120 °C               |
| <b>Temperature range:</b>                  | -20 ÷ +150 °C               |
| <b>Temperature effect on zero balance:</b> | 0.015 % RO/10°C             |
| <b>Temperature effect on output:</b>       | 0.025 % on output/10°C      |
| <b>Rated output RO:</b>                    | 3 mV/V ±0.25 %              |
| <b>Zero balance:</b>                       | ±1 % RO                     |
| <b>Insulation resistance:</b>              | > 2000 MOhm                 |
| <b>Input resistance:</b>                   | 385 ±3 Ohm                  |
| <b>Output resistance:</b>                  | 350 ±3 Ohm                  |
| <b>Recommended input:</b>                  | 5 ÷ 12 Vdc/ac               |

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# High Temperature load cell **SB HT**

available with certification • EAC



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