# BLH Nobel load cell **KISD-6**

available with certification • EAC • ATEX • IECEx • SIL

## General information

PWS5120250219

The BLH NOBEL KISD-6 load cell is made of stainless steel, it has a cylindrical shape and it is easy to install. The KISD-6 cell is characterized by high accuracy and overload capacity. In addition, the KISD-6 load cell is ideal for cranes, large containers and conveyor belts. The KISD-6 cell also owns a shielded conduit cable of a length of 10 mt.

### 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:

**Weight Transmitter** UWT 6008

**Weight Transmitter** DAT 1400

**Weight Indicator** MCT 1302

**Tester 1008** TESTER 1008

**Junction Box** CGS4-C



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Industrial Electronic Weighing Systems since 1963

# Technical specifications

PWS5120250219

| | |
|---|---|
| **Rated load RL:** | 50, 100, 200, 400, 1000 kN |
| **Combined error:** | ±0.1 % RO |
| **Repeatability:** | 0.02 % RO |
| **Safe overload:** | 100 % RL |
| **Ultimate overload:** | 200 % RL |
| **Safe sideload:** | 100 % RL |
| **Ultimate sideload:** | 200 % RL |
| **Material:** | Stainless steel |
| **Degree of protection:** | IP67 |
| **Temperature range:** | -40 ÷ +80 (+100 optional)°C |
| **Temperature effect on zero balance:** | ±0.005 % RO/°C |
| **Temperature effect on output:** | ±0.005 % of output/°C |
| **Rated output RO:** | ±2 mV/V |
| **Zero balance:** | ±5 % RO |
| **Insulation resistance:** | > 4 G Ohm |
| **Input resistance:** | 382 ±3 Ohm |
| **Output resistance:** | 350 ±3 Ohm |
| **Recommended input:** | 10 Vdc/ac |
| **Maximum supply voltage:** | 18 Vdc/ac |
| **Tolerance of shunt calibration values:** | ±0.25 % |

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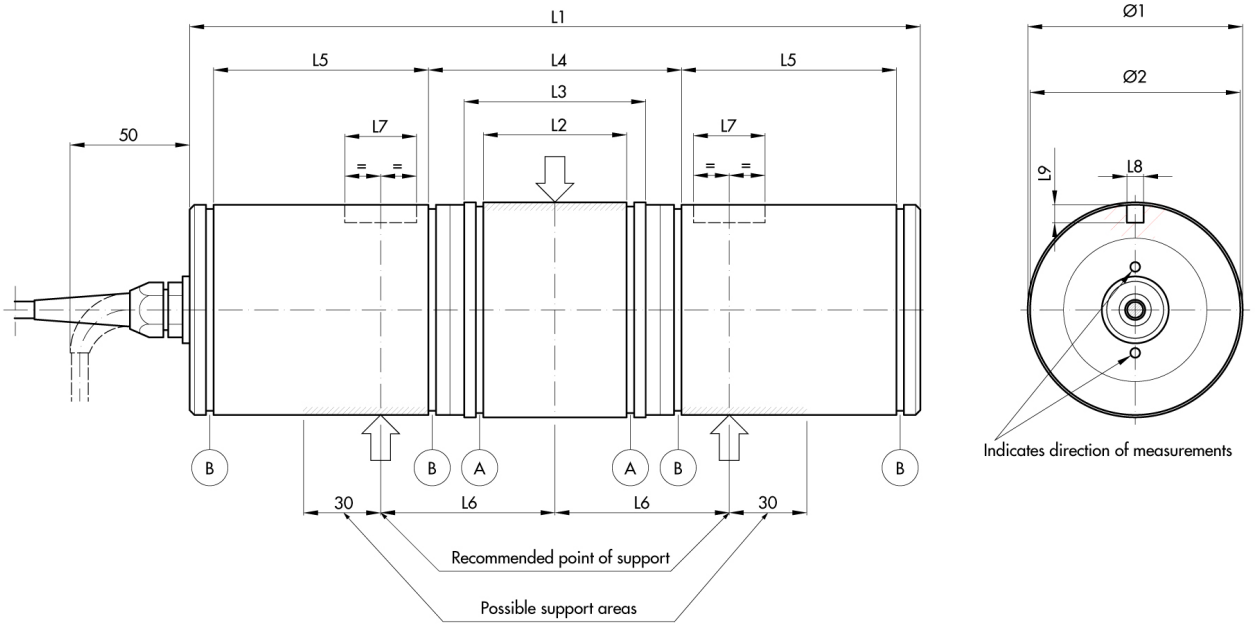


| RANGE kN | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | L9 | Ø1 | Ø2 | A CIRCLIP | B CIRCLIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50, 100 | 260 | 49 (+0.5; +0.2) | 62 | 90 | 75 (+0.5; +0.2) | 59 | 20 | 7 | 6 | 70 (-0.030; -0.076) | 68 (0; -0.120) | 70 x 2.5 | 68 x 2.5 |
| 200 | 306 | 60 (+0.5; +0.3) | 76 | 106 | 90 (+0.5; +0.3) | 73 | 30 | 7 | 7.5 | 90 (-0.036; -0.090) | 88 (0; -0.140) | 90 x 3.0 | 88 x 3.0 |
| 400 | 360 | 70 (+0.5; +0.3) | 86 | 116 | 112 (+0.5; +0.3) | 83 | 35 | 8.5 | 8.5 | 100 (-0.036; -0.090) | 99 (0; -0.140) | 100 x 3.0 | 100 x 3.0 |
| 1000 | 500 | 150 (+0.5; +0.3) | 180 | 222 | 124 (+0.5; +0.3) | 145 | 35 | 15 | 10 | 140 (-0.043; -0.108) | 139 (0; -0.160) | 140 x 4.0 | 140 x 4.0 |



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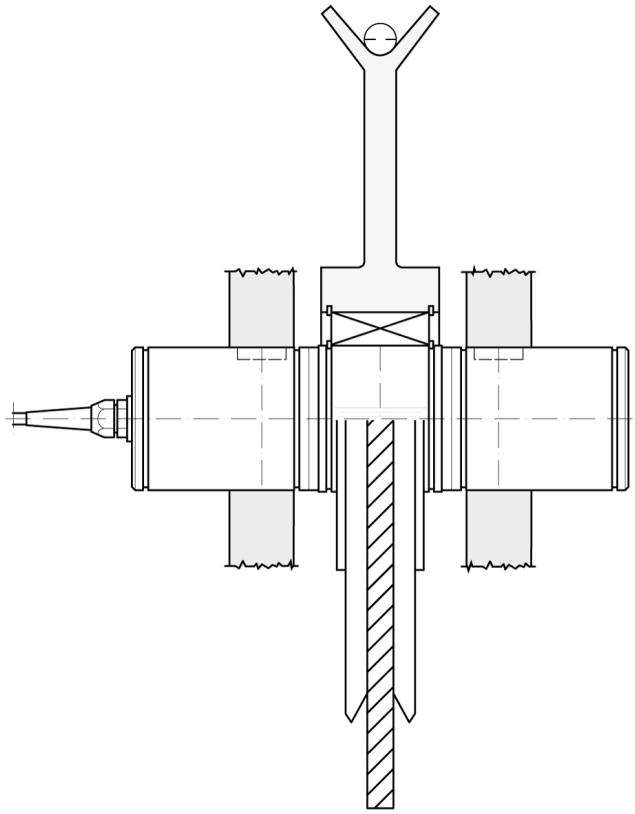

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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