

# B6G



- Stainless steel IP66 single point load cell
- Suitable for single or double load cell structured platform scales
- Recommended platform size: 600 x 600 mm



## Available models

| Capacity | Accuracy | Full article description |
|----------|----------|--------------------------|
| xxkg     | C3       | B6G-C3-xxkg-3B6          |
| xxkg     | C3       | B6G-C3-xxkg-3G6          |

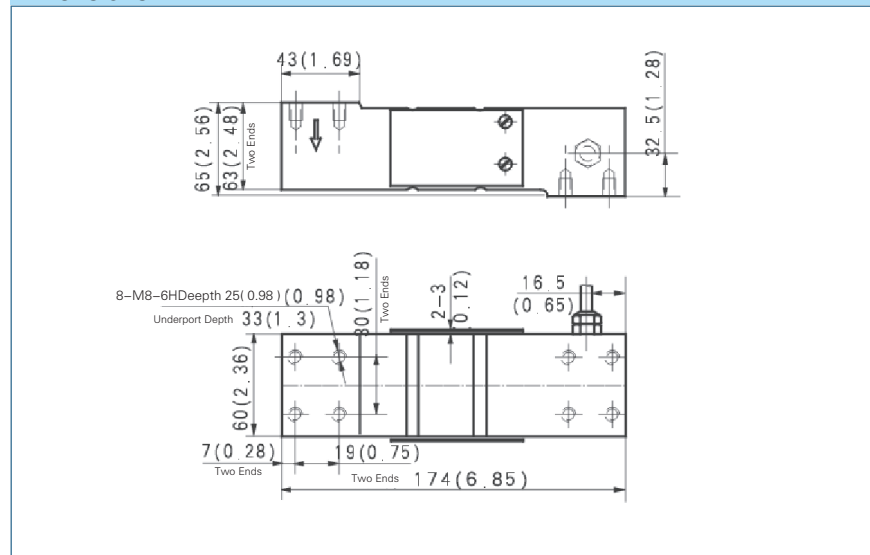
G:The Insulation resistance between bridge circuit and shielded wire is zero

## Specification

|   |                     |  |
|---|---------------------|--|
| Accuracy class  |                     | C3   |
| Output sensitivity ( = FS )   | mV/V                | 2.0 ± 0.2  |
| Maximum capacity ( E <sub>max</sub> )   | kg                  | 50, 100, 150, 200, 250, 300, 400, 500, 600, 635              |
| Maximum number of load cell intervals ( nLC )                                     |                     | 3000   |
| Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub> |                     | 10000  |
| Combined error  | %FS                 | ± 0.0230   |
| Minimum dead load   | of E <sub>max</sub> | 0  |
| Safe overload   | of E <sub>max</sub> | 150 %  |
| Ultimate overload   | of E <sub>max</sub> | 300 %  |
| Zero balance  | %FS                 | ± 1.0 %  |
| Excitation, recommended voltage   | V                   | 5 ~ 12 (DC)  |
| Excitation maximum  | V                   | 18 (DC)  |
| Input resistance  | Ω                   | 400 ± 20   |
| Output resistance   | Ω                   | 350 ± 3  |
| Insulation resistance   | MΩ                  | ≥ 5000 ( 50VDC )   |
| Compensated temperature   | °C                  | -10 ~ +40  |
| Operating temperature   | °C                  | -35 ~ +65  |
| Storage temperature   | °C                  | -40 ~ +70  |
| Element material  |                     | Stainless steel  |
| Ingress protection (according to EN 60529)  |                     | IP66   |
| Recommended torque on fixation  | N.m                 | M8: 25   |
| ATEX classification (optional)  |                     | II1G Ex ia IIC T4   II1D Ex iaD 20 T73°C   II3G Ex nL IIC T4 |

Note: "S1" output sensitivity is 2.0 ± 0.002mV/V, input resistance is 384 ± 4

## Dimensions in mm



## Wiring

