



- Alloy steel IP66 single point load cell
- Nickel plated
- Suitable for platform, belt and other electronic scales
- Maximum platform size: 600 x 600 mm



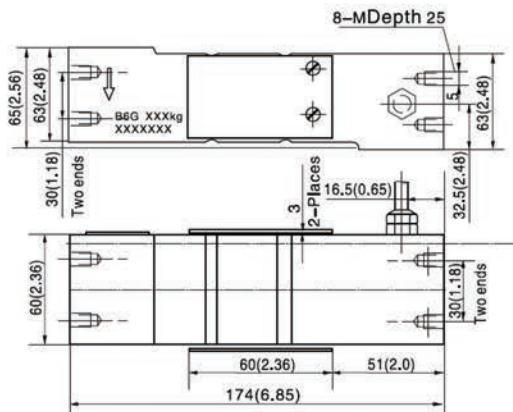
Capacity	Accuracy	Part-Number
100 kg	C3	H6G-C3-100kg-3B6
150 kg	C3	H6G-C3-150kg-3B6
200 kg	C3	H6G-C3-200kg-3B6
250 kg	C3	H6G-C3-250kg-3B6
300 kg	C3	H6G-C3-300kg-3B6
500 kg	C3	H6G-C3-500kg-3B6
600 kg	C3	H6G-C3-600kg-3B6

## Specification:

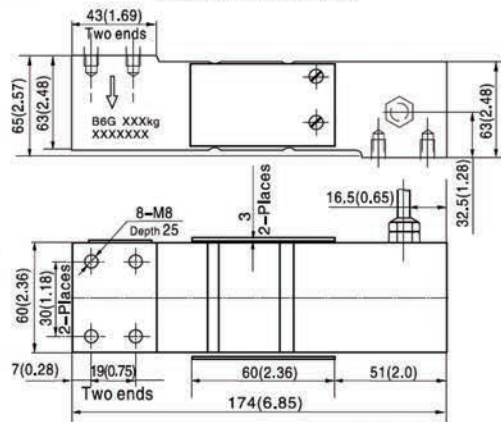
Accuracy class		C3
Output sensitivity ( = FS )	mV/V	2.0 ± 0.2
Maximum capacity ( E <sub>max</sub> )	kg	100, 150, 200, 250, 300, 500, 600
Maximum number of load cell intervals ( n <sub>LC</sub> )		3000
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>		7500
Combined Error	%FS	± 0.020
Safe overload	of E <sub>max</sub>	150 %
Ultimate overload	of E <sub>max</sub>	300 %
Zero balance	of FS	< ± 1.0 %
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
Terminal resistance, input	Ω	384 ± 4
Terminal resistance, output	Ω	351 ± 2
Insulation impedance	MΩ	≥ 5000 ( at 50VDC )
Temperature range, compensated	°C	-10 ~ +40
Temperature range, operating	°C	-35 ~ +70
Element material		Alloy steel, nickel plated
Ingress Protection (according to EN 60529)		IP66
Recommended torque on fixation bolts	Nm	20
ATEX classification (optional)		II1G Ex ia II1C T4   II1D Ex iaD 20 T73°C   II3G nL II C T4

## Outline Dimensions in mm

H6G-C3-XXXX-3B6-W1



H6G-C3-XXXX-3B6



### Wiring:

- Shielded, 6 conductor cable.
- Standard cable length: 3m.
- Transparent shield.
- Cable type and cable length for customer's own application are available on request.
- Shield not connected to element.

