



- B6G load cells are available in the capacities 50kg ~ 635kg.
- 17-4PH stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium making it suitable for all kinds of environments.
- Single point with parallel beam, suitable for electronic scales, platform scales, belt scales and other electronic weighing devices.
- Recommended platform size: 600 × 600mm

### Features

- Capacity: 50kg ~ 635kg
- High accuracy
- Stainless steel construction
- Low profile and easy installation



### Specifications

Capacity	kg	50/100/150/200/250/300/400/500/600/635	
Accuracy		C2	C3
Maximum number of verification intervals	n <sub>max</sub>	2000	3000
Minimum load cell verification interval	v <sub>min</sub>	E <sub>max</sub> /5000	E <sub>max</sub> /10000
Combined error		≤ ± 0.030	≤ ± 0.020
Creep	(%FS)	≤ ± 0.024	≤ ± 0.016
Temperature effect on sensitivity	(%FS/30min)	≤ ± 0.017	≤ ± 0.011
Temperature effect on zero	(%FS/10°C)	≤ ± 0.023	≤ ± 0.015
Output sensitivity	(%FS/10°C)	2.0 ± 0.002	
Input resistance	(mv/v)	384 ± 4	
Output resistance	(Ω)	351 ± 2.0	
Insulation resistance	(Ω)	≥ 5000(50VDC)	
Zero balance	(MΩ)	1.5	
Temperature, compensated	(%FS)	-10 ~ +40	
Temperature, operating	(°C)	-35 ~ +65	
Excitation, recommended	(°C)	5 ~ 12(DC)	
Excitation, max	(V)	18(DC)	
Safe overload	(V)	150	
Ultimate overload	(%FS)	300	
Corner correction	(%FS)	0.02%load value/100mm	

### Outline Dimension mm(inch)

**B6G-C3-XXXkg-3B6-W1**

**B6G-C3-XXXkg-3B6**

**Wiring:**  
Adopt shielded, 6 conductor cable: Φ6.2mm  
Standard cable length: 3m