

# RICHTER SCALE



## H6G

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- H6G load cells are available in the capacities 50kg~635kg.
- Alloy 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

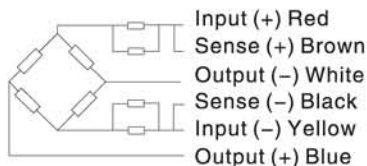
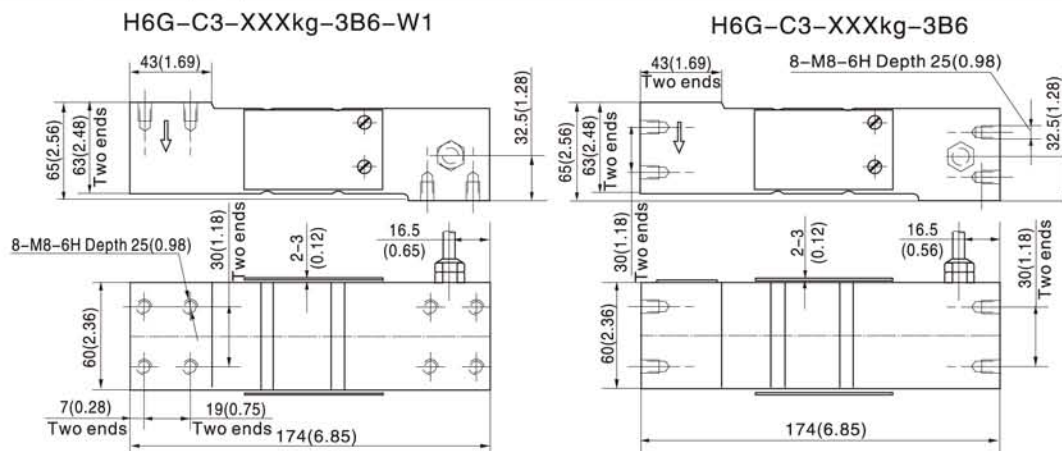
- Capacity: 50kg~635kg
- High accuracy
- Alloy steel construction
- Low profile and easy installation



### 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)



### Wiring:

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