



Ex NEPSI IP66 RoHS

- B6G5 load cells are available in the capacities 50kg~2000kg.
- 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.
- Max. platform size:
50kg~1t 600×800mm
1.5t~2t 1000×1000mm

Features

- Capacity: 50kg~2000kg
- High accuracy
- Stainless steel construction
- Low profile and easy installation

Specifications

Capacity	t	0.05/0.1/0.15/0.2/0.25/0.3/0.4/0.5/0.6/0.75/1/1.5/2
Accuracy		C2 C3
Maximum number of verification intervals	n _{max}	2000 3000
Minimum load cell verification interval	v _{min}	E _{max} /5000 E _{max} /10000
Combined error	(%FS)	≤±0.030 ≤±0.020
Creep	(%FS/30min)	≤±0.024 ≤±0.016
Temperature effect on sensitivity	(%FS/10°C)	≤±0.017 ≤±0.011
Temperature effect on zero	(%FS/10°C)	≤±0.023 ≤±0.015
Output sensitivity	(mv/v)	2.0±0.002
Input resistance	(Ω)	384±4
Output resistance	(Ω)	351±2.0
Insulation resistance	(MΩ)	≥5000(50VDC)
Zero balance	(%FS)	1.5
Temperature, compensated	(°C)	-10~+40
Temperature, operating	(°C)	-35~+65
Excitation, recommended	(V)	5~12(DC)
Excitation, max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300
Corner correction		0.02%load value/100mm

Outline Dimension mm(inch)

