

B6E3



- B6E3 load cells are available in the capacities 20kg~300kg.
- 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: 400×400mm

Features

- Capacity: 20kg~300kg
- High accuracy
- Stainless steel construction
- Low profile and easy installation



Specifications			
Capacity	kg	20/30/50/75/100/150/200/250/300	
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)	$\leq \pm 0.030$	$\leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.024$	$\leq \pm 0.016$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.017$	$\leq \pm 0.011$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.023$	$\leq \pm 0.015$
Output sensitivity	(mV/V)	2.0 ± 0.002	
Input resistance	(Ω)	384 ± 4	
Output resistance	(Ω)	351 ± 2.0	
Insulation resistance	(M Ω)	$\geq 5000(50VDC)$	
Zero balance	(%FS)	1.5	
Temperature, compensated	(°C)	-10~+40	
Temperature, operating	(°C)	-35~+70	
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)

