B6E/H6E

- Stainless/ alloy steel IP67 single point load cell
- Suitable for the pricing scales, bench scales, belt scales etc
- Maximum platform size: 400*400mm



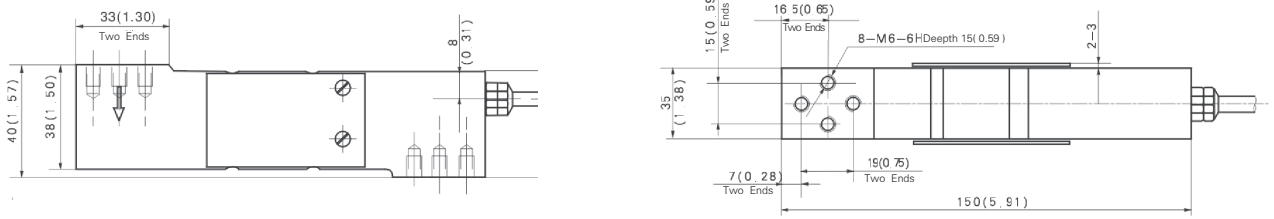
Available models

Capacity	Accuracy	Full article description
xxkg	C3	B6E/H6E–C3–xxkg–2B
xxkg	C3	B6E/H6E–C3–xxkg–2B–S1
xxkg	C3	B6E/H6E–C3–xxkg–2G
xxkg	C3	B6E/H6E–C3–xxkg–2G–S1
G:The Insulation resistance between bridge circuit and shielded wire is zero		

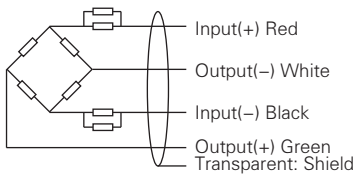
Specification

Maximum capacity (E_{max})	kg	20/30/50/75/100/150/200/250/300		
Accuracy class		C3		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y = E_{max} / v_{min}		10000		
Combined error	%FS	± 0.020		
Creep	%FS/30min	± 0.016		
Temperature effect on sensitivity	%FS/10℃	± 0.011		
Temperature effect on zero	%FS/10℃	± 0.015		
Output sensitivity (= FS)	mV/V	2.0 ± 0.2		
Input resistance	Ω	400 ± 20		
Output resistance	Ω	351 ± 2.0		
Insulation resistance	MΩ	⩾ 5000(50VDC)		
Zero balance	%FS	⩽ ± 1.5		
Compensated temperature	℃	–10~+40		
Operating temperature	℃	–35~+65		
Excitation, recommended voltage	V	5~12 (DC)		
Excitation maximum	V	18 (DC)		
Safe overload	%FS	150		
Ultimate overload	%FS	300		
Corner correction		0.02%load value/100mm		
ATEX class(optional)		II1G Ex ia IIC T4	II1D Ex iaD20 T73℃	II3G Ex nL II C T4
Note: "S1" output sensitivity is 2.0 ± 0.002mV/V, input resistance is 384 ± 4				

Dimensions in mm



Wiring



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 2m