

B6E3/H6E3



- 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	B6E3/H6E3-C3-xxkg-3B
xxkg	C3	B6E3/H6E3-C3-xxkg-3B-S1
xxkg	C3	B6E3/H6E3-C3-xxkg-3G
xxkg	C3	B6E3/H6E3-C3-xxkg-3G-S1

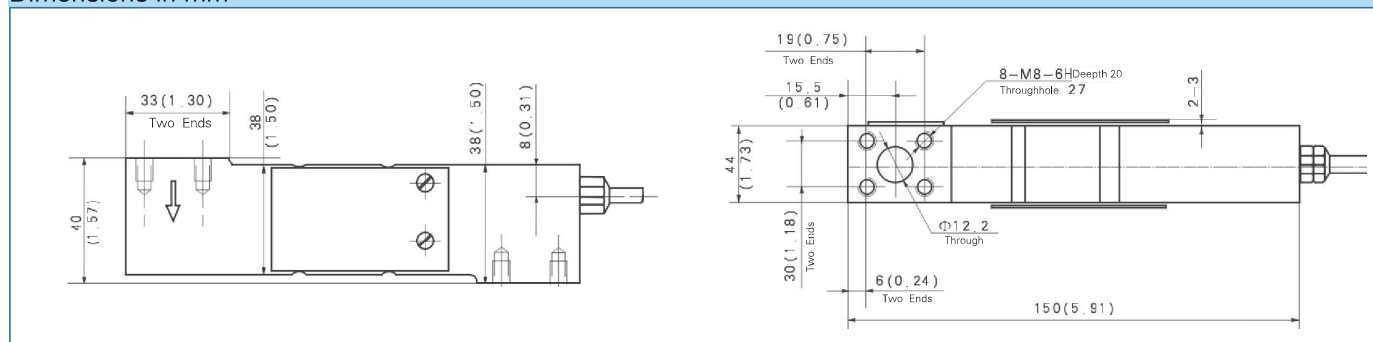
G:The Insulation impedance Between Bridge Circuit and Shielded Wire is Zero

Specification

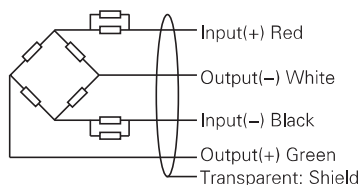
Maximum capacity (Emax)	kg	20/30/50/75/100/150/200/250/300
Accuracy class		C3
Maximum number of verification intervals	N.max	3000
Maximum number of load cell intervals (nLC)	Vmin	Emax/ 10000
Combined error	%FS	± 0.020
Creep	%FS/30min	± 0.016
Temperature effect on sensitivity	%FS/10℃	± 0.011
Temperature effect on zero	%FS/10℃	± 0.015
Output sensitivity (= FS)	mV/V	2.0 ± 0.2/ 2.0 ± 0.002
Terminal resistance, input	Ω	384 ± 4
Terminal resistance, output	Ω	351 ± 3.5
Insulation impedance	MΩ	≥ 5000 (50VDC)
Zero balance	%FS	± 1.5
Temperature, compensated	℃	-10~+40
Temperature range, operating	℃	-35~+70
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

Dimensions in mm



Wiring



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 3m