

B6Q

- Stainless/ alloy steel IP67 single point load cell
- Suitable for platform, belt and other electronic scales
- Maximum platform size: 400 mm x 400 mm



Available models

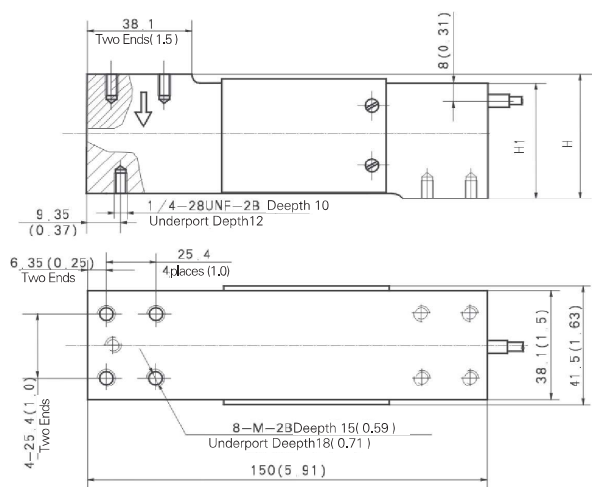
Capacity	Accuracy	Full article description
xxkg	C3	B6Q-C3-xxkg-1.5B6
xxkg	C3	B6Q-C3-xxkg-1.5B6-S1
xxkg	C3	B6Q-C3-xxkg-1.5YB6
xxkg	C3	B6Q-C3-xxkg-1.5YB6-S1

Specification

Maximum capacity (Emax)	kg	50/100/150/200/250
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°C	± 0.011
Temperature effect on zero	%FS/10°C	± 0.015
Output sensitivity (= FS)	mV/V	2.0 ± 0.2/2.0 ± 0.002
Terminal resistance, input	Ω	400 ± 20
Terminal resistance, output	Ω	351 ± 2.0
Insulation impedance	MΩ	≥ 5000 (50VDC)
Zero balance	%FS	± 1.5
Temperature, compensated	°C	-10~+40
Temperature range, operating	°C	-35~+70
Excitation, recommended voltage	V	5~12 (DC)
Excitation maximum	V	18 (DC)
Safe overload	of Emax	150
Ultimate overload	of Emax	300
Corner Correction		0.02%load value/100mm
Recommended Installation Torque	N.m	10
ATEX classification (optional)		II1G Ex ia IIC T4 II1D Ex iaD20 T73°C II3G Ex nL II C T4

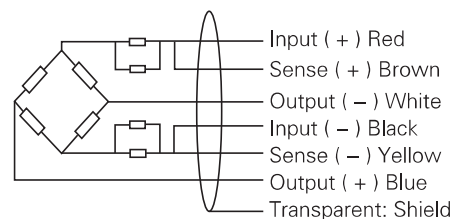
Note: "S1" Output Sensitivity is 2.0+/-0.002mv

Dimensions in mm



Capacity	H	H1	M
50kg	38 (1.5)	36 (1.42)	M6-6H
100kg~250kg	39.9 (1.57)	38 (1.5)	1/4-20UNC-2B
50 kg without 1/4-28UNF-2B threaded hole			

Wiring



- Adopt shielded, 4 conductor cable: Φ5.0mm
- Standard cable length: 1.5m