B6Q

FEATURES

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



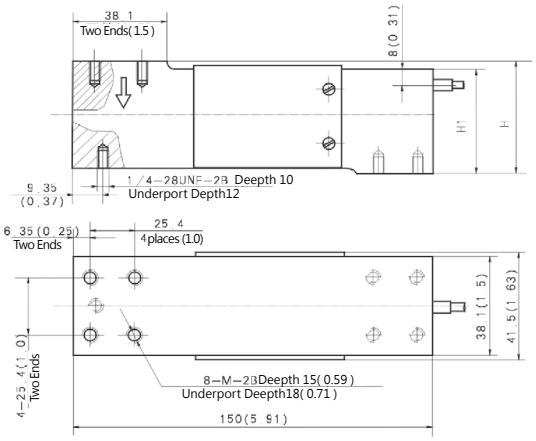
AVAILABLE MODELS

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

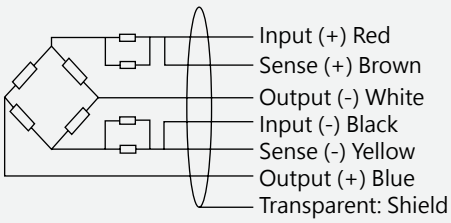
Maximum capacity (Emax)	kg	50/100/150/200/250		
Accuracy class		C3		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y=Emax / Vmin		10000		
Combined error	%FS	±0.020		
Creep	%FS/30min	±0.016		
Temperature effect on sensitivity	%FS/10°C	±0.011		
Temperature effect on zero	%FS/10°C	±0.015		
Output sensitivity (=FS)	mV/V	2.0±0.2		
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		
Recommended torque on fixation	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/V, input resistance is 384±4				

DIMENSIONS IN MM



Capacity \ Dimension	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