B6N

FEATURES

- Stainless steel IP67 single point load cell.
- Bending beam.
- Suitable for weighing equipment like platform and belt scales.
- Maximum platform size: 400 x 400 mm.



AVAILABLE MODELS

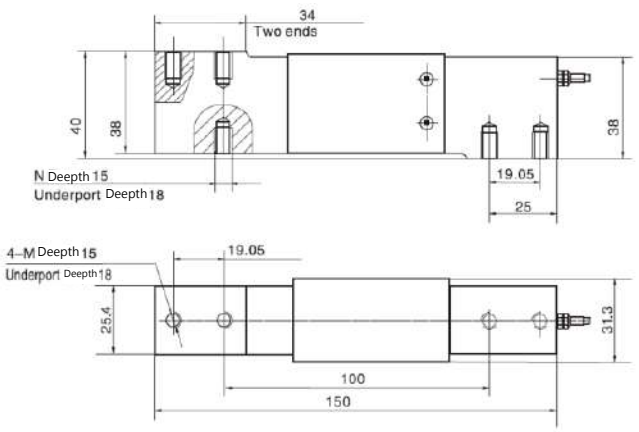
Capacity	Accuracy	Full article description
5 kg	C3/C4	B6N-C3/C4 -5kg-1B6
7 kg	C3/C4	B6N-C3/C4 -7kg-1B6
8 kg	C3/C4	B6N-C3/C4 -8kg-1B6
10 kg	C3/C4	B6N-C3/C4 -10kg-1B6
15 kg	C3/C4	B6N-C3/C4 -15kg-1B6
20 kg	C3/C4	B6N-C3/C4 -20kg-1B6
30 kg	C3/C4	B6N-C3/C4 -30kg-1B6
50 kg	C3	B6N-C3-50kg-1B6
75 kg	C3	B6N-C3-75kg-1B6
100 kg	C3	B6N-C3-100kg-1B6
150 kg	C3	B6N-C3-150kg-1B6
200 kg	C3	B6N-C3-200kg-1B6

test certificate no. TC8009 Revision 0 and D09-10.10 C of C no R60/2000-NL1-11.27 and R60/2000-DE1-10.04

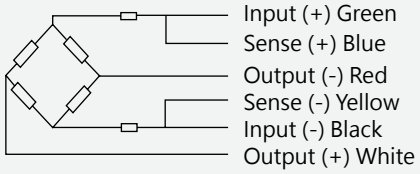
SPECIFICATION

Accuracy class		OIML R60 C3	OIML R60 C4	
Output sensitivity (=FS)	mV/V	2.0 ± 0.2		
Maximum capacity (Emax)	kg	5/7/8/10/15/20/30/50/75/100/150/200		
Maximum number of load cell intervals (nLC)		3000	4000	
Ratio of minimum LC verification interval Y=Emax / Vmin		10000	15000	
Combined error	%FS	± 0.0230	± 0.0175	
Minimum dead load	kg	0		
Safe overload	%FS	150		
Ultimate overload	%FS	300		
Zero balance	%FS	± 1.0		
Excitation, recommended voltage	V	5 ~ 12 (DC)		
Excitation maximum	V	18 (DC)		
Input resistance	Ω	400 ± 20		
Output resistance	Ω	350 ± 3.5		
Insulation resistance	MΩ	⩾ 5000 (50VDC)		
Compensated temperature	℃	-10 ~+40		
Operating temperature	℃	-35 ~ +65		
Storage temperature	℃	-40 ~ +70		
Element material		Stainless steel		
Ingress protection (according to EN 60529)		IP67		
Recommended torque on fixation	N.m	M6: 10		
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4
Note: "S1" output sensitivity is 2.0±0.002mV/V, input resistance is 384±4				

DIMENSIONS IN MM



WIRING



- Shielded, 6 conductor cable.
- Cable diameter: Φ5mm
- Standard cable length: 1m
- Shield is not connected to element