BM6A

FEATURES

- Stainless steel IP68 single point load cell
- Suitable for platform, belt scales and other weighing devices
- Hermetically sealed
- Maximum platform size: 350 x 350 mm



test certificate no. TC7834 revision 1 C of C no R60/2000-NL1-10.32

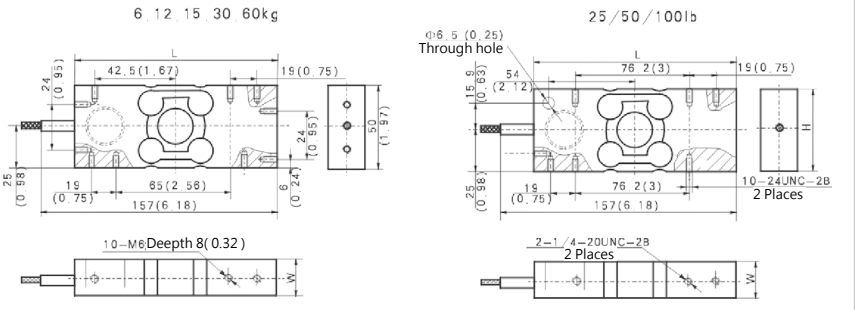
AVAILABLE MODELS

xxkg	C3	BM6A-C3-xxkg-3B
xxkg	C3	BM6A-C3-xxkg-6B6
xxkg	C3	BM6A-C3-xxkg-3B-S1
xxkg	C3	BM6A-C3-xxkg-6B6-S1
xxlb	C3	BM6A-C3-xx-6YB6
xxlb	C3	BM6A-C3-xx-3YB
OIML Certificate (6Kg-60Kg C3 Class); "S1" Output Sensitivity is 2.0+/-0.002mv Inch Model Output Sensitivity is 3.0±0.2mV/V		

SPECIFICATION

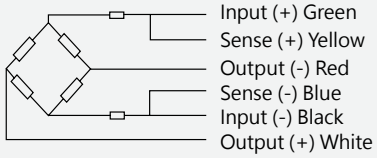
Maximum capacity (E_{max})	kg	6/12/15/30/60		
	lb	25/50/100		
Accuracy class		C3		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y=E_{max} / v_{min}		10000		
Combined error	%FS	±0.020		
Creep	%FS/30min	±0.016		
Temperature effect on sensitivity	%FS/10°C	±0.011		
Temperature effect on zero	%FS/10°C	±0.015		
Output sensitivity (=FS)	mV/V	3.0±0.008		
Input resistance	Ω	400±20		
Output resistance	Ω	351±2.0		
Insulation resistance	MΩ	⩾ 5000 (50VDC)		
Zero balance	%FS	±1.5		
Compensated temperature	°C	-10~+40		
Operating temperature	°C	-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		
Recommended torque on fixation	N.m	10		
ATEX classification (optional)		II1G Ex ia II1C 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	L	H	W
6,12,15,30kg	130(5.12)	50(1.96)	18.5(0.73)
60kg	130(5.12)	50(1.96)	23.5(0.92)
25lb	127.4(5.02)	50(1.96)	18.5(0.73)
50lb	127.4(5.02)	49.7(1.95)	18.5(0.73)
100lb	127.4(5.02)	46.3(1.82)	23.9(0.94)

WIRING



- Shielded cable, 6 conductor cable.
- Cable diameter: Φ6.2mm
- Standard cable length: 6m
- Shield is not connected to element