LOAD CELL B9C

RoHS

Capacity	Accuracy	Part number
5Klb	N3	B9C-N3-5K-9B
10Klb	N10	B9C-N10-10K-9B
20Klb	N10	B9C-N10-20K-9B
30Klb	N10	B9C-N10-30K-9B
40Klb	N10	B9C-N10-40K-9B
50Klb	N10	B9C-N10-50K-9B
60Klb	N10	B9C-N10-60K-9B
75Klb	N10	B9C-N10-75K-9B
90Klb	N10	B9C-N10-90K-9B
100Klb	N10	B9C-N10-100K-9B
150Klb	N3	B9C-N3-150K-9B
200Klb	N3	B9C-N3-200K-9B
250Klb	N3	B9C-N3-250K-9B

17—4PH stainless steel, high stability and corrosion proof.
Suitable for truck scales, automobile tester,
track scales and other electronic weighing devices.

Weighing Assembly Available-See the model HM-9-401 or BM-9-402 on page 91 and 92.

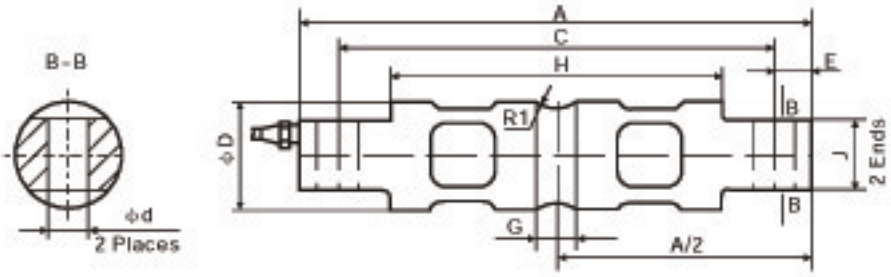
Specifications

Accuracy Class	N10	N3
Rated output(mV/V)	3.0±0.003	
Combined error (%FS)	0.02	0.03
Non-linearity (%FS)	0.017	0.03
Non-repeatability (%FS)	0.01	
Creep (%FS/30min)	0.02	0.03
Input Resistance (Ω)	700±7	
Output Resistance (Ω)	700±7	
Insulation Resistance (MΩ)	≥5000(50VDC)	
Zero Balance (%FS)	1.0	
Temperature effect on span (%FS/10℃)	0.014	0.02

Temperature effect on zero (%FS/10℃)	0.017	0.025
Temperature, Compensated (℃)	-10~+40	
Temperature, Operating (℃)	-35~+65	
Excitation, Recommended (V)	5~12(DC)	
Excitation, Max.(V)	18(DC)	
Safe Overload (%FS)	150	
Ultimate Overload (%FS)	300	
Protection Class	IP 67	
Cable Length (m)	9	
Cable spec	4-wire shielded PU cable ϕ5mm(5K-20K), ϕ8mm(30K-250K)	

Connections Red Input(+) Black Input(-) Green Output(+) White Output(-) Transparence (Shield)

Outline Dimensions in mm(inches)



Dimensions / Capacity(Klb)	A	C	H	G	ϕD	J	ϕd	R1	E
5~10	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	15.7 (0.62)	ϕ43.2 (1.70)	28.4 (1.12)	ϕ16.7 (0.66)	R12.7 (0.50)	15.7 (0.62)
15~20	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	21.3 (0.84)	ϕ49.5 (1.95)	28.4 (1.12)	ϕ16.7 (0.66)	R12.7 (0.50)	15.7 (0.62)
30~75	260.4 (10.25)	215.9 (8.50)	165.1 (6.50)	25.4 (1.00)	ϕ76.2 (3.00)	60.2 (2.37)	ϕ26.9 (1.06)	R25.4 (1.00)	22.4 (0.88)
90~100	285.8 (11.25)	241.3 (9.50)	190.2 (7.49)	31.0 (1.22)	ϕ88.9 (3.50)	63.5 (2.50)	ϕ26.9 (1.06)	R38.1 (1.50)	22.4 (0.88)
150	285.8 (11.25)	241.3 (9.50)	190.2 (7.49)	31.0 (1.22)	ϕ99.1 (3.90)	71.1 [2.80]	ϕ26.9 (1.06)	R38.1 (1.50)	22.4 (0.88)
200~250	408.9 (16.10)	330.3 (13.00)	254.0 (10.00)	31.7 (1.25)	ϕ136.6 (5.38)	116.8 (4.60)	ϕ39.6 (1.56)	R50.8 (2.00)	39.4 (1.55)

Dual shear beam