

LOAD CELL B3G



Capacity Accuracy Part number

50kg	C3	B3G-C3-50kg-6B
100kg	C3	B3G-C3-100kg-6B
250kg	C3	B3G-C3-250kg-6B
500kg	C3	B3G-C3-500kg-6B
1.0t	C3	B3G-C3-1.0t-6B
2.5t	C3	B3G-C3-2.5t-6B
5.0t	C3	B3G-C3-5.0t-6B
7.5t	C3	B3G-C3-7.5t-6B
10t	C3	B3G-C3-10t-6B
50 lb	N3	B3G-N3-50-6YB
75 lb	N3	B3G-N3-75-6YB
100 lb	N10	B3G-N10-100-6YB
150 lb	N10	B3G-N10-150-6YB
200 lb	N10	B3G-N10-200-6YB
250 lb	N10	B3G-N10-250-6YB
300 lb	N10	B3G-N10-300-6YB
500 lb	N10	B3G-N10-500-6YB
750 lb	N10	B3G-N10-750-6YB
1Klb	N10	B3G-N10-1K-6YB
1.5Klb	N10	B3G-N10-1.5K-6YB
2Klb	N10	B3G-N10-2K-6YB
2.5Klb	N10	B3G-N10-2.5K-6YB
3Klb	N10	B3G-N10-3K-6YB
5Klb	N10	B3G-N10-5K-6YB
10Klb	N10	B3G-N10-10K-6YB
15Klb	N10	B3G-N3-N3-6YB
20Klb	N10	B3G-N3-N3-6YB



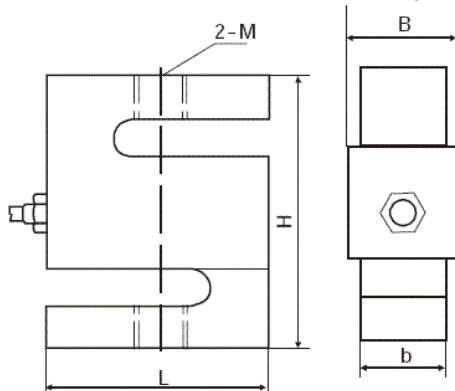
17—4PH stainless steel, tension or compression applications.
Suitable for hanging scales, mechanical conversion scales, hopper scales and other electronic weighing devices.
Weighing Assembly Available—See Model HL-3 series on page 79 and 80.

Specifications

Accuracy Class	OIML R60 C3	NTEPⅢ,Ⅲ L	N3	Temperature effect on zero (%FS/10℃)	0.017	0.02
Rated output (mV/V)	3.0±0.008			Temperature, Compensated (℃)	-10~+40	
Combined error (%FS)	0.02		0.03	Temperature, Operating (℃)	-35~+65	
Non-linearity (%FS)	0.02		0.03	Excitation, Recommended (V)	5~12(DC)	
Non-repeatability (%FS)	0.01			Excitation, Max.(V)	18(DC)	
Creep (%FS/30min)	0.02		0.03	Safe Overload (%FS)	150	
Input Resistance (Ω)	430±60			Ultimate Overload (%FS)	300	
Output Resistance (Ω)	350±3.5			Protection Class	IP 67	
Insulation Resistance (MΩ)	≥5000(50VDC)			Cable Length (m)	6	
Zero Balance (%FS)	≤1.0			Cable spec	4-wire shielded PU cable ϕ 5mm	
Temperature effect on span (%FS/10℃)	0.014		0.02			

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

Outline Dimensions in mm(inches)



Capacity	L	H	b	B	M
0.05t 0.1t (0.05~0.3Klb)	50.8 (2.00)	60.96 (2.40)	11.68 (0.46)	15.06 (0.59)	M8 (1/4-28UNF)
0.25t 0.5t (0.5~1.5Klb)	50.8 (2.00)	60.96 (2.40)	18.03 (0.71)	21.41 (0.84)	M12 (1/2-20UNF)
1t (2.2.5Klb)	50.8 (2.00)	60.96 (2.40)	24.38 (0.96)	27.76 (1.09)	M12 (1/2-20UNF)
2.5t (3Klb)	76.2 (3.00)	99.06 (3.90)	24.38 (0.96)	27.76 (1.09)	M20×1.5 (1/2-20UNF)
5Klb	76.2 (3.00)	99.06 (3.90)	24.38 (0.96)	27.76 (1.09)	3/4-16UNF
5t (10Klb)	74.68 (2.94)	99.06 (3.90)	30.74 (1.21)	34.12 (1.34)	M20×1.5 (3/4-16UNF)
7.5t (15Klb)	87.38 (3.44)	139.7 (5.50)	37.08 (1.46)	40.46 (1.59)	M24×2 (1-14UNF)
10t (20Klb)	112.78 (4.44)	177.8 (7.00)	42.93 (1.69)	46.31 (1.82)	M30×2 (5/4-12UNF)