

Capacity	Accuracy	Part-Number
10Klb	C3	HM9C-C3-10K-9B
20Klb	C3	HM9C-C3-20K-9B
30Klb	C3	HM9C-C3-30K-9B
40Klb	C3	HM9C-C3-40K-9B
50Klb	C3	HM9C-C3-50K-9B
60Klb	C3	HM9C-C3-60K-9B
75Klb	C3	HM9C-C3-75K-9B
100Klb	C3	HM9C-C3-100K-9B
150Klb	C3	HM9C-C3-150K-9B
200Klb	C3	HM9C-C3-200K-9B
250Klb	C3	HM9C-C3-250K-9B



- \* Dual shear beam, nickel-plated, alloy steel.
- \* Hermetically sealed, IP68.
- \* Suitable for truck scales, automobile tester, truck scale and other electronic weighing devices.

## Specification:

Accuracy class		OIML R60 C3
Output sensitivity	mV/V	<sup>1)</sup> 3.0 ± 0.008
Maximum capacity ( E <sub>max</sub> )	Klb	10, 20, 30, 40, 50, 60, 75, 100, 150, 200, 250
Maximum number of load cell intervals ( n <sub>LC</sub> )		3000
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>	E <sub>max</sub>	10000, 15000
Combined Error	%FS	± 0.0200
Minimum dead load	Kg	0
Safe overload	of E <sub>max</sub>	150 %
Zero balance	of E <sub>max</sub>	< ± 1.0 %
Excitation, recommended voltage	V	5 ~ 12 DC
Excitation maximum	V	18 DC
Terminal resistance, input	Ω	<sup>1)</sup> 700 ± 7
Terminal resistance, output	Ω	<sup>1)</sup> 700 ± 7
Insulation impedance	MΩ	≥5000 ( 50VDC )
Temperature range, compensated	°C	-10~+40
Temperature range, operating	°C	-35 ~ +65
Element material		Alloy steel
Protection class		IP68
Cable Length	M	9

  

Connections	Red Input(+)	Black Input(-)	Green Output(+)	White Output(-)	Transparence (Shield)
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1) We offer our standard specifications in the table, and could offer other specifications to meet the requests of the customer.

## Outline Dimensions in mm(inches)

Size Cap. (Klb)	A	C	H	G	D	J	d	R	E
10	206.3 (8.12)	174.6 (6.88)	133.1 (5.24)	15.7 (0.62)	43.2 (1.70)	28.4 (1.12)	16.7 (0.66)	12.7 (0.5)	15.8 (0.62)
20	206.3 (8.12)	174.6 (6.88)	133.1 (5.24)	21.6 (0.85)	49.5 (1.95)	28.4 (1.12)	16.7 (0.66)	12.7 (0.5)	15.8 (0.62)
30-75	260.4 (10.25)	215.9 (8.5)	165.1 (6.5)	25.4 (1.0)	76.2 (3.0)	60.2 (2.37)	26.9 (1.06)	25.4 (1.0)	22.4 (0.88)
100	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31 (1.22)	88.9 (3.5)	63.5 (2.5)	26.9 (1.06)	38.1 (1.5)	22.4 (0.88)
150	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31 (1.22)	99.1 (3.9)	71.1 (2.8)	26.9 (1.06)	38.1 (1.5)	22.4 (0.88)
200-250	408.9 (16.1)	330.3 (13.0)	254.0 (10.0)	31.7 (1.25)	136.6 (5.38)	116.8 (4.6)	39.6 (1.56)	50.8 (2.0)	39.4 (1.55)



