HM14C

FEATURES

- Nickel plated alloy steel IP68 column shear load cell
- Hermetically sealed
- Suitable for truck, track, hopper and other electronic weighing devices
- High accuracy
- Protected against lightning surges
- Current calibrated (sc option)



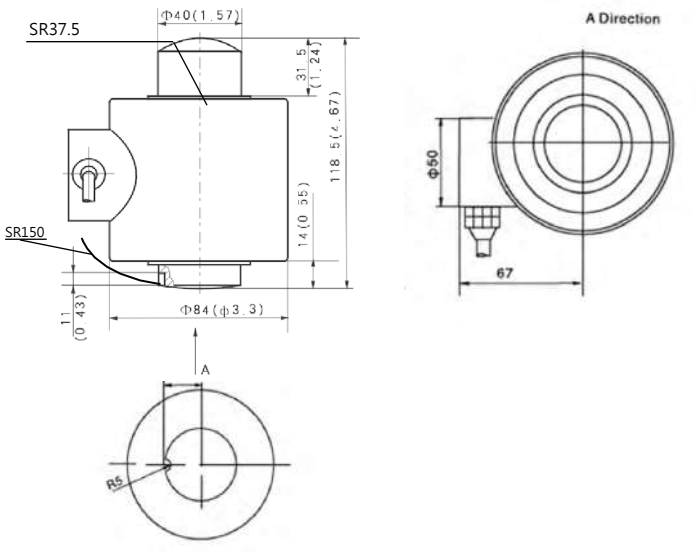
AVAILABLE MODELS

Capacity	Accuracy	Full article description
10t	C3	HM14C-C3-10t-13B6
20t	C3	HM14C-C3-20t-13B6
25t	C3	HM14C-C3-25t-13B6
30t	C3	HM14C-C3-30t-13B6
50t	C3	HM14C-C3-50t-13B6

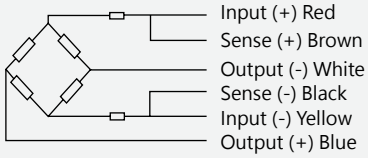
SPECIFICATION

Accuracy class		C3		
Output sensitivity (=FS)	mV/V	1.5 ± 0.004		
Maximum capacity (Emax)	t	10/20/25/30/50		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y=Emax / Vmin		7500		
Combined error	%FS	± 0.023		
Minimum dead load	t	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	700 ± 7		
Output resistance	Ω	703 ± 4		
Insulation resistance	MΩ	⩾ 5000 (50VDC)		
Compensated temperature	℃	-10 ~+40		
Operating temperature	℃	-35 ~ +65		
Storage temperature	℃	-40 ~ +70		
Element material		Nickel plated alloy steel		
Ingress protection (according to EN 60529)		IP68		
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4

DIMENSIONS IN MM



WIRING



- Shielded, 6 conductor cable.
- Cable diameter: Φ6.3mm.
- Standard cable length: 13m.
- Shield is not connected to element.