

- ◆BM14K load cells are available in the capacities 10t to 100t .
- ◆They offer 17-4PH stainless steel construction,electronic hermetic sealing,oil-proof,waterproof and anti-corrosive gas and medium making them lightening protected in all kinds of environment.
- ◆Single column,automatically recovery and they are suitable for platform scale,automobile testing facilities,hopper scale and other electronic weighing devices.

Important Features

- ◆Capacities: 10t to 100t .
- ◆High accuracy.
- ◆Stainless steel construction.
- ◆Easy installation and reliable performance.
- ◆With OIML approval:(PTB:D09-07.02)



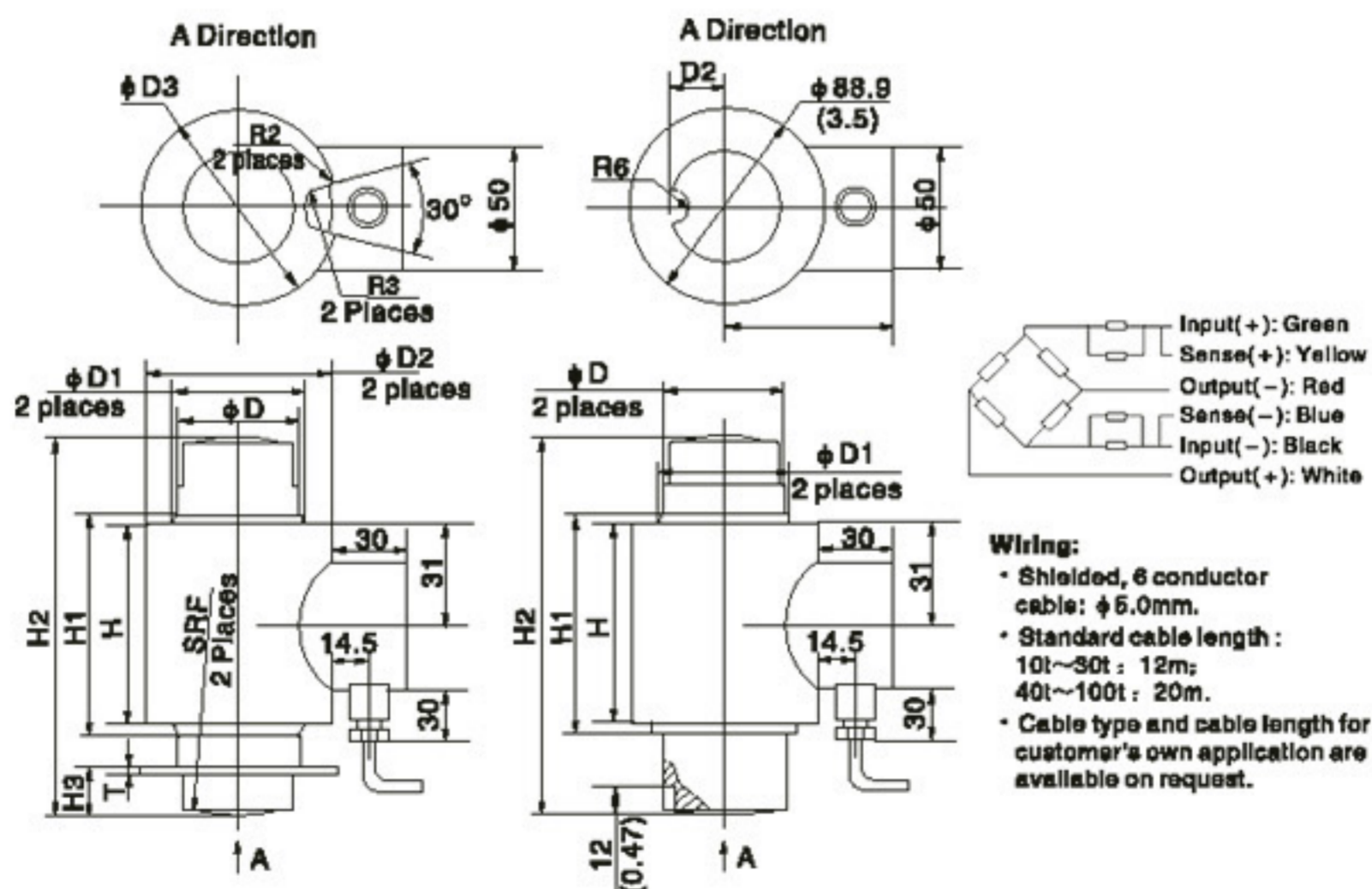
Accessories

- ◆HM-14-404
- ◆BY-14-102

Specifications

Capacity	t	10/15/20/30/40/50/60/100			
Accuracy class		C2	C3	A5M	B10M
Approval		OIML R60 C3			
Maximum number of verification intervals	n max	2000	3000	5000	10000
Minimum load cell verification interval	v min	E max/ 5000	E max /7500	E max /15000	E max/ 10000
Combined error	(%FS)	≤ 0.030	≤± 0.020	≤± 0.026	≤± 0.050
Creep	(%FS/30min)	≤ 0.023	≤± 0.016	≤± 0.017	≤± 0.040
Temperature effect on sensitivity	(%FS/10°C)	≤ 0.017	≤± 0.011	≤± 0.013	≤± 0.040
Temperature effect on zero	(%FS/10 °C)	≤ 0.029	≤± 0.019	≤± 0.014	≤± 0.020
Output sensitivity	(mV/V)	2.0 ± 0.02			
Input resistance	(Ω)	700 ± 7			
Output resistance	(Ω)	703 ± 4			
Insulation resistance	(M Ω)	≥ 5000(50VDC)			
Zero balance	(%FS)	1.5			
Temperature, compensated	(°C)	-10 ~ +40			
Temperature, allowed	(°C)	-40 ~ +80			
Excitation, Recommended	(V)	5 ~ 12(DC)			
Excitation,Max	(V)	18(DC)			
Safe overload	(%FS)	150			
Ultimate overload	(%FS)	300			

Outline Dimension mm(inch)



Capacity(t)	D	D1	D2	D3	H	H1	H2	H3	H4	T	SRF
10-15	44 (1.73)	49 (1.93)	74 (2.91)	76 (2.99)	80 (3.15)	88 (3.46)	130 (5.12)	12 (0.74)	5 (0.2)	3 (0.12)	200 (7.87)
20,30,40	44 (1.73)	49 (1.93)	74 (2.91)	76 (2.99)	92 (3.62)	100 (3.94)	130 (5.12)	19 (0.75)	5 (0.2)	3 (0.12)	200 (7.87)
50-60	44 (1.73)	49 (1.93)	74 (2.91)	76 (2.99)	92 (3.62)	100 (3.94)	210 (8.27)	19 (0.75)	5 (0.2)	3 (0.12)	300 (11.81)
100	64 (2.52)	68 (2.66)	93 (3.66)	103 (4.06)	121 (4.71)	128 (5.04)	260 (10.24)	19 (0.75)	7 (0.28)	5 (0.2)	400 (15.75)