

- H9D load cells are available in the capacities 1Klb~75Klb.
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium making it suitable for all kinds of environments.
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales, tank scales and other electronic weighing devices.

Features

- Capacity 1Klb~75Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance
- Low profile

Accessories

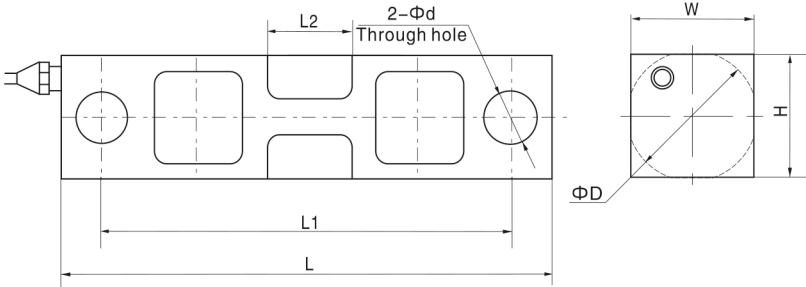
- HM-9-403 • BM-9-404



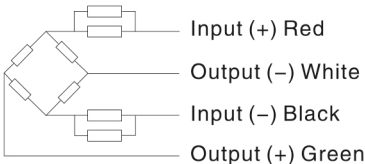
Specifications

Capacity	Klb	1/1.5/2/2.5/4/5/10/15/20/25/35/50/75				
Accuracy		C2	C3	C4	A5M	B10M
Approvals			OIML R60 C3	OIML R60 C4	III 5000 Multiple	IIIL 10000 Multiple
Maximum number of verification intervals	nmax	2000	3000	4000	5000	10000
Minimum load cell verification interval	Vmin	Emax/5000	Emax/10000	Emax/14000	Emax/15000	Emax/10000
Combined error	(%FS)	≤ ±0.030	≤ ±0.020	≤ ±0.018	≤ ±0.026	≤ ±0.050
Creep	(%FS/30min)	≤ ±0.024	≤ ±0.016	≤ ±0.012	≤ ±0.017	≤ ±0.040
Temperature effect on sensitivity	(%FS/10℃)	≤ ±0.017	≤ ±0.011	≤ ±0.009	≤ ±0.013	≤ ±0.040
Temperature effect on zero	(%FS/10℃)	≤ ±0.023	≤ ±0.015	≤ ±0.010	≤ ±0.014	≤ ±0.020
Output sensitivity	(mv/v)	3.0±0.008				
Input resistance	(Ω)	700±7				
Output resistance	(Ω)	703±4				
Insulation resistance	(MΩ)	≥5000(50VDC)				
Zero balance	(%FS)	1.0				
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				

Outline Dimension mm(inch)



Dimension Capacity	L	L1	L2	ΦD	Φd	H	W
1 ~ 5	190.5 (7.5)	158.75 (6.25)	30.48 (1.2)	Φ31.5 (1.24)	Φ12.7 (0.5)	30.99 (1.22)	30.99 (1.22)
10 ~ 35	222.25 (8.75)	190.5 (7.5)	41.15 (1.62)	Φ50.8 (2.0)	Φ20.57 (0.81)	49.15 (1.94)	36.45 (1.44)
50 ~ 75	342.9 (13.5)	292.1 (11.5)	82.55 (3.25)	Φ75.95 (2.99)	Φ33.32 (1.31)	74.68 (2.94)	61.98 (2.44)



Wiring:
Adopt shielded, 4 conductor cable.
Cable diameter: Φ5mm
Standard cable length: 6m