

## HVC-M02

### 产品特点:

- U 称重传感器采用焊接密封，防护等级IP68，可在各种恶劣环境下使用
- U 传感器满足 OIML R60 C3 的要求
- U 结构独特，可方便地安装在各种槽罐
- U 三种顶板结构（固定式、半浮动式、浮动式）可以消除槽罐因热胀冷缩带来的称量误差
- U 支撑螺栓，防止设备倾覆；
- U 不锈钢结构，适应各种恶劣环境。
- U 安装简单、快速，维修方便，节约停机维护时间；
- U 适用于恶劣环境下槽罐的配料及过程称重控制

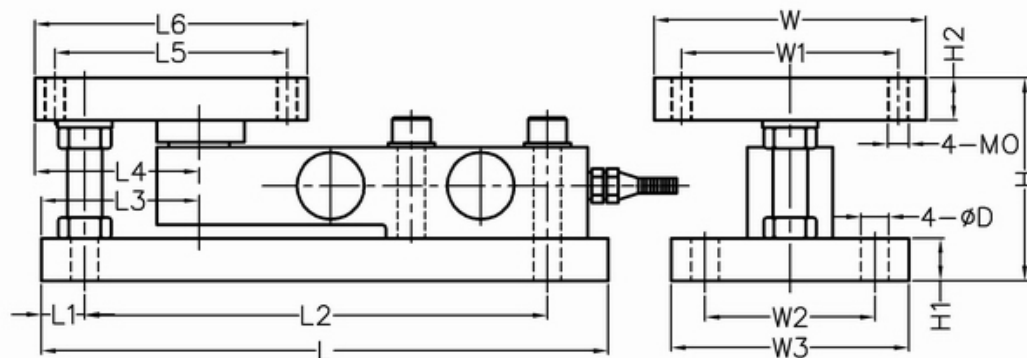


### Features:

- U The load cell is welded and sealed with IP68 protection and can be used in a variety of harsh environments.
- U The sensor meets the requirements of OIML R60 C3
- U Unique structure, easy to install in a variety of tanks
- U Three roof structures (fixed, semi-floating, floating) eliminate the weighing error caused by thermal expansion and contraction
- U Support bolts to prevent equipment from tipping over;
- U Optional stainless steel construction to adapt to a variety of harsh environments.
- U Easy to install, fast, easy to maintain, saving downtime and maintenance time;
- U Suitable for batching and process weighing control of tanks in harsh environments

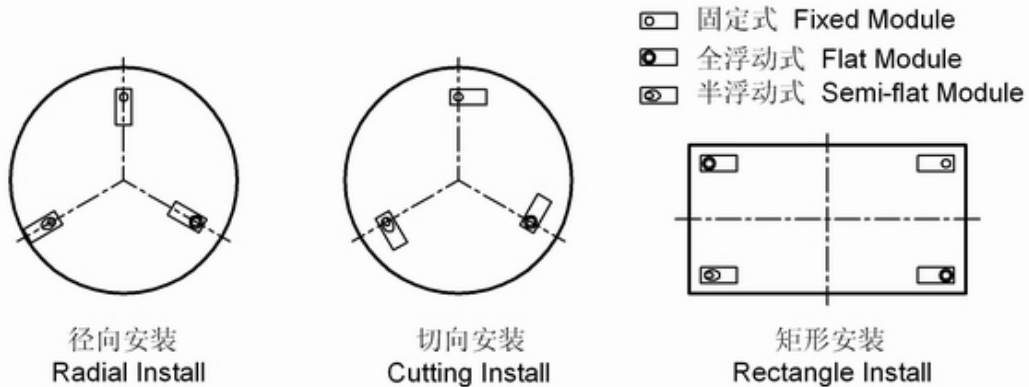
### 外型尺寸及安装方式 Dimensions and installation methods:

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额定载荷 (t)	W	W1	W2	W3	L	L1	L2	L3	L4	L5	L6	H	H1	H2	M0	D
0.5, 1, 2, 3	128	102	80	112	286	32	226	96	99	124	150	102	23	28	M10	Φ13
5	152	120	102	152	318	32	257	99	102	146	178	130	30	38	M16	Φ17
10	154	122	106	154	360	35	295	105	108	152	184	168	45	45	M20	Φ21
15, 20	220	170	170	220	400	25	350	115	115	170	220	213	55	55	M24	Φ26

### 安装方式:



- 称重系统一般由一个固定模块，一个半浮动模块及若干浮动模块组成，半浮动模块必须安装在固定模块的对角；
- 固定模块的安装点不会产生水平位移，因此在系统设计过程中，管道和电器连接部分应靠近该点；
- 半浮动模块和浮动模块使系统能围绕固定点移动，消除容器变形对称重产生的影响。
- The weighing system generally consists of a fixed module, a semi-floating module and a number of floating modules, and the semi-floating module must be installed at the opposite corner of the fixed module;
- The mounting point of the fixed module does not produce horizontal displacement, so the piping and electrical connection parts should be close to this point during system design;
- The semi-floating module and the floating module allow the system to move around a fixed point, eliminating the effects of symmetric deformation of the container.

参数	Specifications	技术指标/Technique
额定容量	Capacity (N)	0.3,0.5,1,2,3,5,10,15,20,25t
输出灵敏度	Rated output	2.0±0.002 mV/V
零点输出	Zero balance	±1 %F.S
非线性	Non-linearity	0.02%F.S.
滞后	Hysteresis	0.02%F.S.
重复性	Repeatability	0.02%F.S.
蠕变 (30min)	Creep(30min)	0.02%F.S.
温度灵敏度漂移	Temp.effect on output	0.02%F.S./10℃
零点温度漂移	Temp.effect on zero	0.02%F.S./10℃
输入电阻	Input impedance	400±10Ω
输出电阻	Output impedance	250±2Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	10-12V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp range	-10~40℃
工作温度范围	Operation temp range	-20~70℃
安全超载	Safe overload	150%F.S.
极限超载	Ultimate overload	300%F.S.
电缆线尺寸	Cable size	Φ6×3000mm
单件重量	Weight approx.	1-5kg
防护等级	IP Class	IP68