

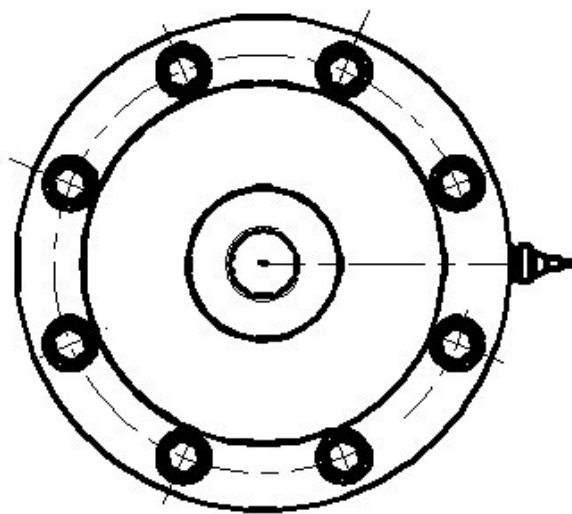
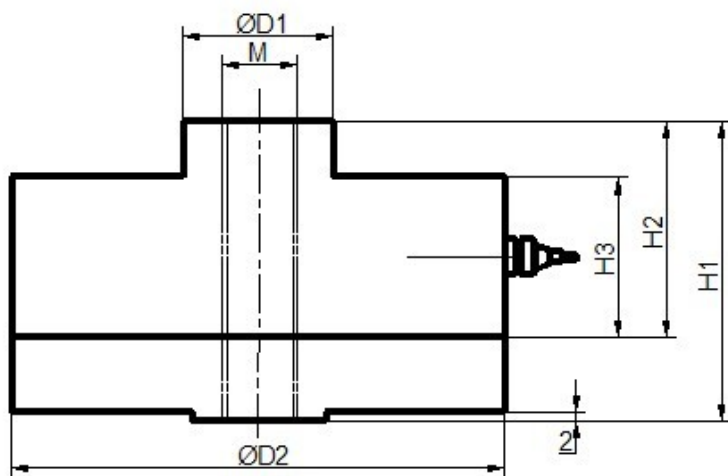
QH-61A load cells are available in the capacities from 1t to 30t  
 Alloy steel or aluminum alloy construction with spoke type.  
 Silicon adhesive sealed inside, waterproof, anti-corrosion and suitable for all kinds of environment.  
 Suitable for truck scale, railway scale, hopper scales and other electronic weighing devices.



### Features:

- Capacity: 1t to 30t
- Defend grade: IP66.
- Reliable performance, integral installation and easy installation.

### Electrical connection and Dimensions:



Cap (t)	1~5	10	20	25	30
H1	67.2	80.2	85.2		
H2	46.1	53.8	53.8		
H3	34.2	41.2	47.2		
M	M16×1.5	M32×1.5	M32×1.5		
D1	32.1	41	41		
D2	105.4	121.2	121.2		

### Technical Specifications

Specifications:		
capacity	t	1,2,3,5,10,20,25,30
safe overload	%FS	150
ultimate overload	%FS	200
rated output	mV/V	$2.0 \pm 0.008$
excitation voltage	Vdc	9~ 12
combined error	%FS	$\pm 0.05$
zero unbalance	%FS	$\pm 1$
non-linearity	%FS	$\pm 0.05$
hysteresis	%FS	$\pm 0.05$
repeatability	%FS	$\pm 0.03$
creep	%FS/30min	$\pm 0.03$
input resistance	$\Omega$	$700 \pm 10$
output resistance	$\Omega$	$700 \pm 5$
insulation resistance	M $\Omega$	$\geq 5000 @ 50 \text{ Vdc}$
operating temperature range	$^{\circ}\text{C}$	-20 ~ +55
compensated temperature range	$^{\circ}\text{C}$	-10 ~ +40
temperature coefficient of SPAN	%FS/ $10^{\circ}\text{C}$	$\pm 0.03$
temperature coefficient of ZERO	%FS/ $10^{\circ}\text{C}$	$\pm 0.05$

### Electrical connection:

Excitation+ red    Excitation- black    Signal+ green    Signal- white

Four-core shielded cable with polyethylene.

Cable diameter :  $\varnothing 5\text{mm}$

Cable length: 12m

The cable length could be chose by customer's application.