

## Shear Beam Load Cell

### Construction:

Shear beam load cell has cantilever beam structure, with one fixed, another end loaded. Force is transferred by unique rocker. it is no sensitive when the point change ,it has good ability to correct action point cove .it can be installed and has good compatibility

### Application:

Shear beam load cell is applicable to truck scale, plat form scale, hopper scale and many others kinds of engineering installation for force measuring.

Parameter					
Rated Load(t)	0.5,1,2,3,5				
0.5	96	43	30	12	2.5
1	96	43	30	12	2.5
2	96	43	60	12	2.5
3	110	52	30	12	2.5
5	133	67	20	9	2.5



givenParameter		
Rated Load	t	0.5,1,2,3,5
Sensitivity	mV/V	2
Non-linearity	%F.S	0.02
Hysteresis	%F.S	0.02
Repeatability	mV/V	0.02,0.03
Creep error	%F.S	0.02,0.03
Zero balance	%F.S	±1
Temperature effect on zer	%F.S ℃	0.02
Temperature effect on span	%F.S ℃	0.02
Input resistance	Ω	375±5
Output resistance	Ω	375±5
Insulation resistance	MΩ	≥2000
Voltage	V	10(5~12)
Temperature compensated	℃	-10~+60
Temperature permission	℃	-20~+80



