

SHEAR BEAM LOAD CELL

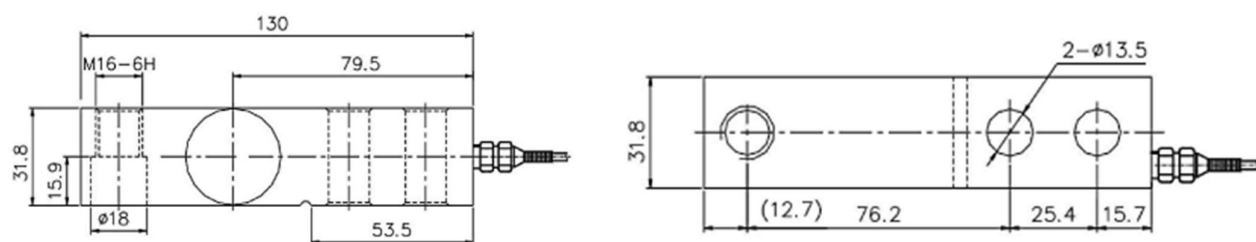
Model: GM25

Capacities: 50Kg to 10T



Description:

GM25 steel shear beam load cell has one end fixed, one end loaded, and various force transmission forms, and has a good sealing structure. Automatically adjust the heart after the force, easy to install, easy to use, good interchangeability, can be used to make a variety of ultra-thin electronic truck scales, monorail crane scales, hopper scales, conveyor scale, platform scale etc.



Dimensions (mm):

Dimensions (mm) (In mm. 1mm =0.03937inches)									
(kg) Rated load	A	B	C	D	E	F	G	mm	inch
0.05-3se	130.0	32.0	15.7	25.4	76.2	57.0	13.5	M12 X1.75 M16 X 1.5	1/2 - 20
3 - 5	171.5	38.0	19.1	38.1	95.3	76.0	20.0	M18 X 1.5 M20 X 1.5	3/4 -16
7.5-10	222.5	50.8	25.4	50.8	123.8	102.0	27.0	M24 X 2	1" - 14

Weigh Modules:



Technical Specification:

Rated capacities (E _{max})	50, 100, 200, 250, 500, 1000, 2000, 3000, 5000Kg, 7.5T, 10T
Sensitivity	3.0 ± 0.002mV/V
Total error	±0.02%F.S;
Creep error	±0.02% F.S (30min)
Zero balance	±1% F.S
TCO	±0.02% F.S/10°C
TC span	±0.02% F.S/10°C
Input impedance	380 ± 10Ω ;
Output impedance	350 ± 3Ω ;
Insulation impedance	≥ 5000MΩ (50V DC)
Temperature range compensated	-10°C ~+40°C
Temperature range operating	-35°C ~+80°C
MAX safety overload	150%
Limit overload	200%
Excitation voltage, recommend	5~12V DC
Excitation voltage, maximum	15V DC
Protuction class	IP67, IP68
Construction	Alloy Steel / Stainless Steel
Cable	Length : 3m Diameter : ϕ5mm
Execution standard	GB/T7551-2008, equivalent to OIML R60
Cable Color Code: Exc+ (Red); Exc- (Black); Sig+ (Green); Sig- (White)	

