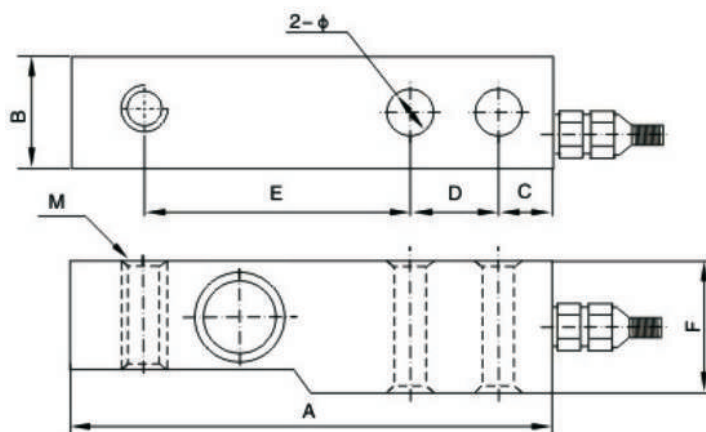


Shear beam load cells



GSB200A



Rated Load		Size(mm)								
kN	t	A	B	C	D	E	F	Φ	M	
									mm	inch
0.5~1	0.05~0.1t	125	24	8	47	58	30	8.5	M8	1/4-28
2~10	0.2~1t	136	32	15	25	77	38	13	M12	1/2-20
15~50	1.5~5t	171	38	19	38	96	48	20	M18*1.5	3/4-16
70~100	7~10t	222	51	25	51	119	60	25	M24*2	1"-14
150~200	15~20t	280	60	28	72	150	70	31	M30*2	1 1/4-12

FEATURES

- Alloy steel or stainless steel optional, The surface is electroplated with nickel. pressure head optional ;
- One end is fixed and the other is loaded, low center of gravity, easy installation and good interchangeability;
- Can built-in amplifier, with 4~20mA or 0~5V output;
- Application for truck scales, electronic scales, platform scales, hopper scales, etc.

SPECIFICATION

Rated Load	50,100,200,500(kg),1,1.5,2,3,5,7,10,15,20(t)		
Accuracy Class	C3	Compensated Temp.Range	-10~+40℃
Comprehensive Error	±0.02%F.S	Operating Temp.Range	-20~+65℃
Rated Output	2.0±0.005mV/V	Excitation,Recommended	5~12VDC
Zero Balance	±1.0%F.S	Excitation,Maximum	3~15VDC
Linearity Error	±0.02%F.S	Safe Overload	150%F.S
Repeatability Error	±0.02%F.S	Ultimate Overload	200%F.S
Hysteresis Error	±0.02%F.S	Insulation Resistance	≥5000MΩ(50VDC)
Creep	±0.02%F.S/30min	Cable	4-Wire Shielded Cable
Input Resistance	380±10Ω	Cable Length	<5t, 3m; ≥5t, 6m
Output Resistance	350±3Ω	Ingress Protection	IP65
Temp.Effect on Output	±0.02%F.S/10℃	Wiring Definitions	Exc+: Red Exc-: Black
Temp.Effect on Zero	±0.02%F.S/10℃		Sig+: Green Sig-: White