



CAPACITY	L	L1	L2	L3	L4	W	H	H1	H2	D	D1	D2
1 - 2 Ton	203.2	19	63.5	98.3	101	36.5	47.5	24.5	12	30	17	13
5 Ton	236	21.1	66.8	123.8	113	48	69.8	31.7	16	42	26	22
10 Ton	282	28.1	82.6	139.7	149.5	58	77	40.3	20.7	51.1	31.8	27

DESCRIPTION

SBS is a high precision shear beam load cell, it produced in various capacities from 1 Ton to 10 Tons. SBS provides reliable precision in demanding industrial applications with nickel-plated alloy steel or stainless steel housing and hermetic sealing. SBS can be used in a wide range of industrial weighing applications with mounting kits developed for SBS.

APPLICATIONS

Low profile platform scales / Tank and Silo weighing

TECHNICAL SPECIFICATIONS

Capacity	: 1, 2, 5, 10 Ton	Isolation Resistance	: $\leq 5000 \text{ M}\Omega$ (100VDC)
Accuracy Class	: C3	Compensated Temperature	: $-10 \sim +40 \text{ }^\circ\text{C}$
Minimum Load	: 0 kg	Operating Temperature	: $-30 \sim +70 \text{ }^\circ\text{C}$
Maximum Intervals (nLC)	: 3000	Excitation, Recommended Voltage	: 10 VDC
Minimum Verification Interval	: 10000	Maximum Excitation Voltage (Umax)	: 15 VDC
Total Error	: $\pm 0.02 \text{ \%FS}$	Safe Overload	: 150 % FS
Output Sensitivity (FS)	: $2.00 \pm 0.005 \text{ mV/V}$	Ultimate Overload	: 300 % FS
Zero Balance	: $\pm 1 \text{ \%FS}$	Ingress Protection (EN60529)	: IP 68
Input Resistance	: $380 \Omega \pm 20 \Omega$	Element Material	: Alloy Steel / Stainless Steel
Output Resistance	: $350 \Omega \pm 3 \Omega$	Cable	: $4 \times 0.22 \text{ mm}^2$