



CAPACITY	L1	L2	L3	L4	L5	H1	H2	H3	H4	C1	W	D	D1	D2	D3
100, 500 Kg	133.4	12.7	76.2	25.4	59.9	31	28.8	15	15	4	30	13	18	13.5	M12
1 Ton	133.4	12.7	76.2	25.4	59.9	31	30.5	15	15	4	30	13	18	13.5	M12
2 Ton	133.4	12.7	76.2	25.4	59.9	31	30.5	15	15	4	30	13	18	13.5	M12
5 Ton	177.8	19.1	95.3	38.1	92.7	43.6	38.1	20.5	20.1	8	43	21	25	21.5	M20

DESCRIPTION

SB2 is a high precision shear beam load cell, it produced in various capacities from 100 Kg to 5 tons. SB2 provides reliable precision in demanding industrial applications with nickel-plated alloy steel housing and hermetic sealing. SB2 can be used in a wide range of industrial weighing applications with mounting kits developed for SB2.

APPLICATIONS

Low profile platform scales / Tank and Silo weighing / Pallet truck weighing

TECHNICAL SPECIFICATIONS

Capacity	: 0.1, 0.2, 0.5, 1, 2, 5 Ton	Isolation Resistance	: ≤ 5000 MΩ (100VDC)
Accuracy Class	: C3	Compensated Temperature	: -10 ~ + 40 °C
Minimum Load	: 0 kg	Operating Temperature	: -30 ~ + 70 °C
Maximum Intervals (nLC)	: 3000	Excitation, Recommended Voltage	: 10 VDC
Minimum Verification Interval	: 12000	Maximum Excitation Voltage (Umax)	: 15 VDC
Total Error	: ±0.020 %FS	Safe Overload	: 150 % FS
Output Sensitivity (FS)	: 2.00 ± 0.005mV / V	Ultimate Overload	: 300 % FS
Zero Balance	: ± 1 %FS	Ingress Protection (EN60529)	: IP 68
Input Resistance	: 380 Ω ± 20 Ω	Element Material	: Stainless Steel
Output Resistance	: 350 Ω ± 3 Ω	Cable	: 4x0.22mm ²